CONSTRUCTION NEWS

Engineering News-Record, Sept. 17, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Hydro-electric plant, Louisville, Ky., Louisville Hydro-Elec. Co. will build 108,000 hp. plant, $7,500,000.

Hotel, New York, N. Y., J. Goldring & Bros., $6,000,000.

Apartment hotel, Chicago, Ill., organizing syndicate, $2,000,000 to $2,500,000.

Wharf, New Orleans, La., Bd. Port Comrs., $2,000,000.

Apartment, New York, N. Y., N. Minskoff, $1,500,000.

Nurses School, New York, N. Y., Mt. Sinai Hosp., preparing plans, $1,500,000.

Theatre, Cincinnati, O., Cinco Co., preparing plans, $1,500,000.

Office building, New York, N. Y., 15 W. 47th St. Corp., preparing plans, $1,000,000.

Factory, Marietta, O., Safe Cabinet Co., preparing plans, $1,000,000.

Hotel, Brooklyn, N. Y., Danett Realty Co., preparing plans, $1,000,000.

Road, Live Oak, Fla., bond election Sept. 29, $1,000,000.

Synagogue, Los Angeles, Calif., soon lets contract, $1,000,000.

Cement for trunk highway paving, 1926, St. Paul, Minn., State Hy. Dept. plans to purchase $1,000,000.

Apartment, New York, N. Y. R. Candela, archt., making sketches, $1,000,000.

Bids Wanted On Big Jobs

Office and bank, Philadelphia, Pa., Ballinger Co., archts., bids opened Sept. 24, $1,100,000.

Bridge, Chicago, Ill., So. Park Comrs., takes bids about Oct. 1, $1,000,000.

Contracts Awarded

Club, Washington, D. C., to George A. Fuller Co., $6,000,000.

Office, Philadelphia, Pa., to Irwin & Leighton, $3,300,000.

Apartment, Chicago, Ill., to J. B. French, $3,000,000.

Art Museum, Philadelphia, Pa., to George A. Fuller Co., $2,793,518.

High School, Philadelphia, Pa., to McCloskey Co., Inc., $1,659,659.

Office and store, Omaha, Neb., to Seldon-Breck Constr. Co., $2,000,000.

Bank and hotel, Greensboro, N. C., to J. W. Stout, $1,400,000.

Hotel, Greensboro, N. C., to Foundation Co., $1,350,000.

Factory, Cambridge, Mass., to Hegeman-Harris Co., $1,000,000.

Loft, New York, N. Y., by separate contracts, $1,000,000.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

Bids Close		See Eng. News-Record
WATERWORKS		
Sept. 18	New York, N. Y.	Sept. 10
Sept. 21	Masontown, Pa.	Sept. 3
Sept. 21	Lebanon, Mo.	Sept. 17
Sept. 21	Chicago, Ill.	Sept. 17
Sept. 22	Wheeling, W. Va. Adv. Sept. 10 and 17.	Sept. 10
Sept. 22	Tallahassee, Fla.	Aug. 27
Sept. 22	Youngstown, O.	Aug. 27
Sept. 22	Vancouver, B. C.	Sept. 10
Sept. 22	Waupon, Wis.	Sept. 17
Sept. 23	Cleveland, O.	Sept. 17
Sept. 27	Clinton, Ia.	Sept. 17
Sept. 29	Clio, Ala. Adv. Sept. 17.	Sept. 17
Sept. 30	Staunton, Ill.	Sept. 10
Oct. 13	Detroit, Mich.	Sept. 17
SEWERS		
Sept. 18	Boston, Mass.	Sept. 10
Sept. 19	Bedford, O.	Sept. 17
Sept. 21	Boston, Mass.	Sept. 10
Sept. 21	Chicago, Ill.	Sept. 17
Sept. 22	New York, N. Y.	Sept. 17
Sept. 22	Milford, Del.	Sept. 17
Sept. 22	Caspian, Mich.	Sept. 17
Sept. 23	Grand Rapids, Mich.	Sept. 3
Sept. 23	Boston, Mass.	Sept. 10
Sept. 23	Elizabeth, N. C.	Sept. 17
Sept. 24	Vero Beach, Fla.	Sept. 17
Sept. 25	Louisville, Ky.	Sept. 3
Sept. 30	Portland, Ore. Adv. Sept. 17.	Sept. 17
Oct. 1	Salisbury, Md. Adv. Sept. 17.	Sept. 17
Oct. 2	Garber, Okla.	Sept. 17
Oct. 6	Lynn, Mass.	Sept. 3
BRIDGES		
Sept. 23	Roach, W. Va. Adv. Sept. 3 to 17.	Sept. 3
Sept. 23	Cincinnati, O.	Sept. 17
Sept. 23	Hiawatha, Kan.	Sept. 17
Sept. 25	Ohio	Sept. 17
Sept. 25	Cincinnati, O.	Sept. 3
Sept. 28	Croydon, (Bridgewater P. O.) Pa. Adv. Sept. 10 and 17.	Sept. 10
Sept. 28	Akron, O.	Sept. 17
Sept. 28	New Jersey Adv. Sept. 10 and 17.	Sept. 17
Sept. 28	Houston, Tex.	Sept. 17
Sept. 29	Ford, Kan.	Sept. 10
Sept. 29	Wellington, New Zealand	Sept. 17
Sept. 29	Indiana	Sept. 17
Oct. 1	New Braunfels, Tex.	Aug. 27
Oct. 6	Washington	Sept. 17
Oct. 8	Charleston, W. Va.	Sept. 10
Oct. 12	Lynchburg, Va. Adv. Sept. 10 and 17.	Sept. 17
Nov. 17	Wellington, New Zealand	Sept. 17
DAMS		
Sept. 21	Streator, Ill.	Sept. 3
Oct. 12	Los Angeles, Calif.	Aug. 20
RAILWAYS		
Sept. 25	Quebec	Sept. 17
EXCAVATION, DRAINAGE IRRIGATION, LEVEES		
Sept. 22	Welland, Ont.	Aug. 27
Sept. 22	Edinburg, Tex. Adv. Aug. 20 to Sept. 17.	Aug. 27
Sept. 22	Manteca, Calif.	Sept. 17
Sept. 22	Nova Scotia	Sept. 17
Sept. 25	Waggoner, Ill.	Sept. 17
Sept. 25	Thomson, N. Y. Adv. Sept. 3 to 17.	Sept. 3
Oct. 14	New Orleans, La.	Sept. 17
STREETS AND ROADS		
Sept. 18	Creedmoor (mail Floral Park), N. Y. Adv. Sept. 10 and 17.	Sept. 10
Sept. 18	Wash., D. C.	Sept. 17
Sept. 18	Dayton, O.	Sept. 17
Sept. 19	New Albany, Ind.	Sept. 3
Sept. 19	Baltimore, Md.	Sept. 10
Sept. 21	Little Silver, N. J. Adv. Sept. 3 to 17.	Sept. 3
Sept. 21	Kentucky	Aug. 27
Sept. 21	Idaho	Sept. 17
Sept. 21	Stockton, Calif.	Sept. 17
Sept. 21	Neshanic, N. J.	Sept. 17
Sept. 21	Chicago, Ill.	Sept. 17
Sept. 21	Hamlin, W. Va.	Sept. 17
Sept. 21	South Jacksonville, Ill.	Sept. 17
Sept. 21	Minneapolis, Minn.	Sept. 17
Sept. 21	Lebanon, Mo.	Sept. 17
Sept. 22	New Orleans, La.	July 2
Sept. 22	Edinburg, Tex.	Aug. 20
Sept. 22	Pennsylvania	Sept. 3
Sept. 22	Natchez, Miss.	Sept. 10
Sept. 22	Cincinnati, O.	Sept. 17
Sept. 22	Clarksburg, W. Va.	Sept. 17
Sept. 22	Trenton, N. J.	Sept. 17
Sept. 22	Tampa, Fla.	Sept. 17
Sept. 22	Springwells, Mich.	Sept. 17
Sept. 22	Maryland	Sept. 17
Sept. 23	Elizabeth City, N. C.	Sept. 3
Sept. 23	West Palm Beach, Fla. Adv. Sept. 17.	Sept. 17
Sept. 23	Wisconsin	Sept. 17
Sept. 24	New Orleans, La.	July 2
Sept. 24	Lyndon, Kan.	Sept. 3
Sept. 24	Mount Doro, Fla.	Sept. 3
Sept. 24	Louisiana	Sept. 3
Sept. 24	Key West, Fla.	Sept. 17
Sept. 24	New York, N. Y.	Sept. 17
Sept. 24	Richmond Hill (Ind. br. Jamaica), N. Y.	Sept. 17
Sept. 24	Graham, N. C.	Sept. 17
Sept. 25	Oskaloosa, Kan.	Sept. 3
Sept. 25	New York Adv. Sept. 10 and 17.	Sept. 10
Sept. 25	San Antonio, Tex.	Sept. 10
Sept. 25	Ohio	Sept. 17
Sept. 25	Somerville, N. J.	Sept. 17
Sept. 25	Michigan	Sept. 17
Sept. 25	North Dakota	Sept. 17
Sept. 25	Missouri	Sept. 17
Sept. 26	Berkley Springs, W. Va.	Sept. 10
Sept. 29	West Virginia	Sept. 10
Sept. 29	Siloam Springs, Ark.	Sept. 10
Sept. 29	Louisville, Miss.	Sept. 10
Sept. 29	Charleston, W. Va.	Sept. 10
Sept. 29	Arkansas	Sept. 10
Sept. 29	West Virginia	Sept. 10
Sept. 29	Louisiana	Sept. 17
Sept. 29	Minnesota	Sept. 17
Sept. 29	Yonkers, N. Y. Adv. Sept. 10 and 17.	Sept. 17
Sept. 30	Orlando, Fla.	Sept. 10
Sept. 30	Glenville, W. Va.	Sept. 17
Oct. 2	San Antonio, Tex.	Sept. 10
Oct. 2	Oberlin, Kan.	Sept. 10
Oct. 2	Harrisburg, Pa. Adv. Sept. 17.	Sept. 17
Oct. 5	Lewistown, Pa.	Sept. 17
Oct. 6	Washington	Sept. 17
Oct. 6	Vero Beach, Fla. Adv. Sept. 17.	Sept. 17
Oct. 12	Kentucky	Sept. 17
Oct. 14	Alabama	Sept. 10
Oct. 15	Alabama	Sept. 10
Oct. 15	Birmingham, Ala.	Sept. 17
BUILDINGS—INDUSTRIAL		
Sept. 19	Baltimore, Md.	Sept. 17
Oct. 13	Durban, South Africa	July 30
BUILDINGS—COMMERCIAL		
Sept. 18	Vancouver, B. C.	Sept. 10
Sept. 21	Quincy (Boston P. O.), Mass.	Sept. 17
Sept. 21	Lynn, Mass.	Sept. 17
Sept. 22	Cleveland, O.	Sept. 3
Sept. 22	Jackson, Mich.	Sept. 17
Sept. 23	Marcy, N. Y.	Sept. 10
Sept. 24	Phila., Pa.	Sept. 17
Sept. 24	Mobile, Ala.	Sept. 10
Sept. 29	Chicago, Ill.	Sept. 10
Oct. 6	Labelle, Fla. Adv. Aug. 20 to Sept. 17.	Aug. 20
Oct. 12	Breckenridge, Tex.	Sept. 3
Nov. 15	Aurora, Ill.	Aug. 27

Bids Close		See Eng. News-Record

BUILDINGS—EDUCATIONAL, RELIGIOUS

Sept. 18	Winsted, Conn.	Sept. 17
Sept. 19	Chicago, Ill.	Sept. 17
Sept. 20	Haverhill, Mass.	Sept. 17
Sept. 20	Jackson, Mich.	Aug. 27
Sept. 21	Bridgeport, Conn.	Sept. 17
Sept. 22	Marshalltown, Ia.	Sept. 3
Sept. 22	Detroit, Mich.	Sept. 10
Sept. 22	Liberty, Mo.	Sept. 17
Sept. 23	Baltimore, Md.	Sept. 10
Sept. 24	River Rouge, Mich.	Sept. 17
Sept. 25	Manistee, Mich.	Sept. 17
Sept. 28	Warwick, R. I.	Sept. 17
Sept. 29	Cleveland, O.	Sept. 3
Sept. 30	Virginia, Minn.	Aug. 20
Oct. 5	Bastrop, La.	Sept. 17
Oct. 6	Madison, Wis.	Sept. 17
Oct. 7	San Francisco, Calif.	Sept. 17
Oct. 8	Lyndonville, N. Y. Adv. Sept. 17.	Sept. 17

FEDERAL GOVERNMENT WORK

Sept. 21	Wire, etc.—Wash., D. C.	Sept. 17
Sept. 21	Barges—St. Louis, Mo. Adv. Aug. 27 and Sept. 17.	Aug. 27
Sept. 22	Filtration Plant—Wash., D. C. Adv. Aug. 27 to Sept. 17.	Aug. 27
Sept. 22	Post Office—Sandusky, O.	Aug. 20
Sept. 23	Painting—St. Paul, Minn.	Sept. 3
Sept. 23	Gate Hoist—Florence, Ala. Adv. Sept. 10 and 17.	Sept. 10
Sept. 24	Remodeling—Holyoke, Mass.	Sept. 3
Sept. 24	Air Compressor—Florence, Ala. Adv. Aug. 27 to Sept. 17.	Aug. 27
Sept. 24	Dredging—New York, N. Y.	Sept. 3
Sept. 24	Borings—Detroit, Mich. Adv. Sept. 10 and 17.	Sept. 17
Sept. 25	Post Office—Comanche, Tex.	Aug. 27
Sept. 25	Tender—Wash., D. C.	Aug. 27
Sept. 25	Hydraulic Dredge—Norfolk, Va.	Sept. 3
Sept. 25	Remodeling—Lakeland, Fla. Adv. Sept. 17.	Sept. 17
Sept. 29	Addition—Williamsport, Pa.	Sept. 17
Sept. 30	Quarters, etc.—Sackets Harbor, N. Y. Adv. Sept. 3 to 17.	Sept. 3
Sept. 30	Quarters—Oceanport, N. J. Adv. Sept. 3 to 17.	Sept. 3
Sept. 30	Post Office—Cheboygan, Mich.	Sept. 10
Oct. 2	Dredging—Stamford, Conn. Adv. Sept. 3 to 17.	Sept. 3
Oct. 8	Quarters—Oswego, N. Y. Adv. Sept. 10 and 17.	Sept. 17
Oct. 10	Pressure Pipe System—Florence, Ala. Adv. Sept. 17.	Sept. 17
Oct. 13	Post Office—Tullahoma, Tenn. Adv. Sept. 17.	Sept. 17
Oct. 14	Excavation—Beverly, Mass. Adv. Sept. 17.	Sept. 17

UNCLASSIFIED

Sept. 18	Subway—New York, N. Y.	Sept. 10
Sept. 22	Borings—Phila., Pa.	Sept. 17
Sept. 22	Overhead Crossing — Colorado	Sept. 17
Sept. 22	Retaining Wall—New York, N. Y.	Sept. 17
Sept. 23	Breakwater—Port Maitland, N. S.	Sept. 10
Sept. 24	Pier—Toronto, Ont.	Sept. 10
Sept. 24	Gallows Frames — New York	Sept. 17
Sept. 24	Air Compressor—Esquimalt, B. C.	Sept. 17
Sept. 25	Subway—Wash., D. C.	Sept. 3
Sept. 28	Bridge Machinery—Beaumont, Tex.	Sept. 17
Sept. 29	Towers—Wellington, New Zealand	Aug. 6
Sept. 29	Wharves, etc.—Canada.	Sept. 17
Oct. 1	Foundation—Madison, Wis.	July 30
Oct. 6	Ventilation Buildings, New York, N. Y. Adv. Sept. 10 and 17.	Sept. 10
Oct. 6	Pumping Equipment—New York, N. Y. Adv. Sept. 17.	Sept. 17

MATERIALS

Sept. 29	Pipe—Long Beach, Calif.	Sept. 3
Oct. 10	Wire—Melbourne, Australia	Aug. 20
Oct. 13	Insulation Strings—Wellington, New Zealand	Aug. 6
Oct. 20	Telephone Cable—Melbourne, Australia	Aug. 20
Oct. 27	Wire—Wellington, New Zealand	Sept. 17
Nov. 9	Wire—Wellington—New Zealand	Sept. 17
Nov. 9	Cable—Melbourne, Australia	Aug. 20

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Fla., Plant City — Voted $160,000 bonds extending waterworks. W. H. Durrance, clk.

Miss., Clinton—Soon takes bids waterworks improvements, incl. 4,000 ft. 4 and 6 in. c.i. pipe, 900 ft. artesian well and pumping equipment to lift water 160 to 170 ft., etc. $17,500.

Mich., Detroit—Bd. Water Comrs., 232 East Jefferson Ave., making plans 8 in. c.i. mains in 2,570 ft. Plymouth Rd., 770 ft. Greenlawn Ave., 1,520 ft. St. Aubin Ave., 1,150 ft. State Fair Rd., 1,285 ft. Rosemont Ave., 980 ft. Beland Ave., 1,320 ft. 1st St., 2,000 ft. Robson Ave., and 1,900 ft. Coyle Ave.; 6 in. mains in 1,360 ft. Norlina Ave., 2,580 ft. Gilbert Ave., 375 ft. Kent Ave., 1,040 ft. Teppert Ave., 1,285 ft. Tennyson Ave., 1,285 ft. Ashland Ave., and 1,630 ft. Albion Ave. Work will be done by day labor. G. H. Fenkell, 232 East Jefferson Ave., genl. mgr.

O., Columbus — Jennings-Lawrence Co., engrs., 511-512 Hartman Bldg., making plans 22,619 ft. 6 in. mains in alley north Lots 1 and 2 Fickneys Addition, Mill, Lilly Chapel and Old London Rds., London Pike, Heath, Chester, West, Smith, Garfield, Franklin, Bridge, Jackson, Depot, Center, Chestnut, Burnham, Water, Town, Main, Parl and Pearl Sts., Frey and Fellows Aves.; 2,100 ft. 4 in. mains in Martin Ave., Water, Twin and Hampton Sts., 880 ft. 8 in. mains, etc., in Blair Rd., London and Main Sts., for City.

Wis., Green Bay — J. Ducharme, clk. Allouez Twp., R. F. D. 6, soon takes bids 40 x 42 ft., rein.-con. pumphouse and 100,000 gal. rein.-con. reservoir, etc. $75,000. McMahon & Clark Eng. Co., Menasha, engrs.

Wis., South Milwaukee—Making plans 1 m.g. rein.-con. reservoir. To exceed $15,000. Alvord, Burdick & Howson, 8 South Dearborn St., Chicago, engrs.

Ia., Lamoni—Voted $15,000 bonds, constructing waterworks. M. A. Henden, city clk.

Kan., Eldorado—Making plans new water supply. To exceed $15,000. Black & Veatch, 701 Mutual Bldg., Kansas City, Mo., engrs.

S. D., Mitchell — Plans new water plant. $15,000 or more. S. Smith, city engr.

Mo., Craig—Election soon $55,000 bonds, waterworks, distribution system and sanitary sewers in various streets. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs. Noted Sept. 3.

Mo., Houston—Making preliminary plans waterworks and distribution system, tank on tower, etc. $35,000. Russell & Axon, McDaniel Bldg., Springfield, engrs.

Mo., Lebanon — Voted $15,000 bonds, waterworks and distribution system.

Mo., Piedmont—Election Sept. 18, $50,000 bonds, waterworks and distribution system. W. A. Fuller Co., 1917 Ry. Exch. Bldg., St. Louis, engrs. Noted Aug. 27.

Mo., Shelbina — Voted $35,000 bonds, about 3 mi. new water line from Salt River, and distribution mains, etc. Noted April 23.

Tex., Amherst — Plans new water supply and distributing system, incl. 12,630 ft. c.i. and 10,090 ft. galvanized iron pipe, 75,000 tank, 2 new wells, etc. $50,000. Address C. B. Linn, mayor.

Tex., Anson—Voted $60,000 bonds, waterworks and sewers in various streets. Noted Aug. 23.

Okla., Collinsville — Making preliminary plans waterworks extensions. $45,000. Holway Eng. Co., Wright Bldg., Tulsa, engr. Noted April 16.

Okla., Dewey — Election soon $25,000 bonds, waterworks extensions, incl. wells, etc. Noted July 30.

Okla., Ft. Cobb — Making surveys new waterworks, incl. well, pumps, tank, valves, hydrants, distribution system, etc. $35,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 17.

Okla., Ft. Cobb — Making preliminary plans new waterworks, incl. well, tank, pump, mains, etc. Election soon $10,000 bonds for same. Engineer not selected.

Okla., Yukon—Making preliminary plans extending 17,000 ft. 4- to 8-in. c.i. mains in various streets. $18,000. H. G. Olmstead, 2230 West 18th St., Oklahoma City, engr.

Wash., Seattle — City Council plans repairing and reconstructing Pipeline 2. $200,000 appropriated.

Calif., Southgate (br. of Los Angeles)—Voted $150,000 bonds, waterworks improvements. Noted July 16.

Ont., Barton—Township Council plans mains, 250,000 gal. tank, meters, etc. $50,000. S. G. Sims, Court House, Hamilton, engr. Noted Aug. 6.

BIDS DESIRED

Ala., Clio — Sept. 29, by A. L. McLean, Mayor and City Council, waterworks and sewerage system. G. L. Molton, Tuscaloosa, engr.; adv. E. N.-R. Sept. 17.

Miss., Clinton—Sept. 27, by City, deep well and pump. May also lay 3,000 ft. 4 in. and 1,000 ft. 6 in. c.i. mains, etc. in various streets by own forces. $17,500.

Tenn., Trezevant—Taking bids 50,000 gal. tank, mains, etc. in various streets.

O., Bedford—See "Sewers."

O., Cleveland—Sept. 23, by Cuyahoga Co., 4,600 ft. 6 and 7 in. c.i. mains in Villa Park Subdivision 1. To exceed $25,000. F. Williams, Court House, engr.

Mich., Detroit — Oct. 13, by Bd. Water Comrs., 176 East Jefferson Ave., one 50 m.g. and one 75 m.g. daily capacity pumping units. G. H. Fenkell, genl. mgr.; adv. E. N.-R. Sept. 17.

Mich., Detroit—See "Contracts Awarded."

Ill., La Grange—Sept. 21, by City, waterworks improvements, incl. 7,200 ft. 6 in. and 680 ft. 4 in. c.i. mains, 9 gate valves, 17 fire hydrants, 106 lead pipes, 29 ft. long, and 108 lead pipes 9 ft. long, etc.; also 4,430 ft. 12 in. vitr. tile sewers, etc., in various streets, $20,000. E. Hancock, 2047 Ogden Ave., Chicago, engr. Noted Aug. 6.

Wis., Waupun — Sept. 22, by Water & Light Comn., R. Zimmerman, city clk., single stage centrifugal pump, 750 g.p.m. capacity against total head of 140 ft., operating 1,750 r.p.m. direct connected to 2,300 volt, 3 phase, 60 cycle motor complete with starter, or alternate direct connected to gasoline engine with motor.

Mo., Jefferson City — See "Contracts Awarded."

Mo., Lebanon—Sept. 21, b W. E. Ford, city clk., waterworks improvements, incl. 5,600 ft. ditching and backfilling, 2,500 ft. 3 in. galvanized wrought iron pipe, 1,130 ft. 1, 2, and 4 in. c.i. pipe in place, etc. Russell & Axon, 412 McDaniel Bldg., Springfield, engrs.

BIDS RECEIVED

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, 2,800 ft. 36 in. each c.i. and steel mains, etc. in Chelton St., Contr. 764, from P. and A. J. Ellis, 4th St. below Wyoming St., $49,083; one shippley derrick on roof Towesdale filter, Contr. 771, from Service Supply Co., 20th and Venango Sts., and Acme Machine Co., 316 North 17th St., each $940; railroad siding Towesdale filter plant, Contr. 772, from J. R. Fox, Jr., 1040 Bridge St., $4,500; 1,100 tons filter sand and gravel, Contr. 773, from M. J. McCrudden, 1134 Real Estate Bldg., $11,890; and 100 tons each 3 and 4 in. valves, Contr. 774, from Michigan Valve Co., 4508 North 8th St., $2,640. Noted Sept. 3.

Mich., Birmingham — Quarton Lake Estates, 13,500 sq.ft. 6- to 8-in. c.i. water pipe, from R. Boibbuto, 118 Baldwin Ave., Pontiac, $25,786; 11,000 sq.ft. 8- to 15-in. vitr. sanitary sewers, from J. E. Steyers, 1257 Book Bldg., Detroit, $18,643; 140,000 sq.ft. concrete sidewalks, from Otis Cement Constr. Co., 806 Hammond Bldg., $20,098; 7,000 lin.ft. grading, from Hill Bros., Detroit, $6,842. Noted Sept. 3.

Wis., Milwaukee—Dept. Pub. Wks., Sept. 2, 12,985 ft. 6- to 16-in. c.i. mains in South Fond du Lac Rd., Lisbon Ave., 44th and 45th Sts., from Wezel & Henoch Co., 498 27th St., $26,409.

CONTRACTS AWARDED

Mass., Boston—Supply Dept., 500 concrete hydrant boxes, to Hugh Nawn, Inc., 82 Savin St., Roxbury, $7.90 per box. Noted Sept. 10.

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc. in Ocean Parkway, Kings Highway and Ave. I, here, to N. De Stefano, 257 Glenn Ave., Tompkinsville, $32,913. Noted Sept. 3.

Waterworks (Continued)

N. Y., Long Island City — N. J. Hayes, Comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc. in Idlewild Ave. and Garfield St., 4th Ward, here ,to Gregory Contg. Co., Inc., 351 East 124th St., New York City, $36,953. Noted Sept. 10.

N. J., Newark—North Jersey Dist. Water Supply Comn., 20 Clinton St., grading and graveling for relocation of highway at Wanaque Reservoir, to P. Naples Co., Inc., 118 Jefferson St., Passaic, $329,560. Noted Aug. 20.

Md., Salisbury—Water & Sewer Comn., new pumping station, incl. six 1,000-1,500 g.p.m. centrifugal pumps, etc., to Virginia Mchy. & Well Co., 1319 East Main St., Richmond, Va., $21,210. Noted July 30.

Mich. Detroit—Bd. Water Comrs., 2,420 tons 12 in. and 4,870 tons 24 in. Class "C" pipe to U. S. Cast Iron Pipe & Fdry. Co., Pearl St., Burlington, N. J., $44.45 and $43.30 per ton respectively; 2,500 tons 24 in. Class "C" pipe, to Lynchburg Fdry. Co., Peoples Bank Bldg., Lynchburg, Va., $42.60; 63 tons Class "A" and 47 tons Class "B" special castings, f.o.b. Detroit, to Standard Cast Iron Pipe & Fdry. Co., Bristol, $137 and $177 respectively.

Minn., Fairmont — H. J. Waite, secy. Water & Light Comn., constructing filtration plant, to Gjellefald-Chapman Constr. Co., Forest City, Ia., $49,552. Noted Sept. 10.

Mo., Jefferson City—Capital City Water Co., will build filter plant with six 11 x 49.6 ft. tubs, each m.g. capacity, allowing for double capacity later, by day labor, under supervision of J. H. Chester Eng. Co., engrs. Union Bank Bldg., Pittsburgh, Pa. $125,000.

Ark., Ft. Smith—City will lay 21,000 ft. 2- to 10-in. mains, etc., in various streets, by own forces. H. S. Peck, Ft. Smith, engr.

Tex., Slaton—Atchison, Topeka & Santa Fe Ry., Railway Exch., Chicago, Ill., plans water treating plant, here. $40,000. Work will probably be done by day labor. H. W. Wagner, 1417 Topeka St., Topeka, Kan., ch. engr. Eastern Div.

Sewers

PROPOSED WORK

Mass., Cambridge (Boston P. O.) — Plans sewerage works in Rogers St. $30,000.

R. I., Providence—Plans sewerage works in Sisson and Richmond Sts., Upton and Maplehurst Aves. $25,000. J. B. Ballard, City Hall, chn. Com. on Sewers.

N. Y., Buffalo — Plans Hamburg Canal Drain, rein.-con., 800 ft. long, 16 ft. wide and 13 ft. high. $200,000. C. E. P. Babcock, Municipal Bldg., engr.

Mich., Port Huron—Made plans approximately 6 mi. 12 to 36 in. concrete or vitr. sanitary sewers for North End. E. R. Whitmore, City Hall, engr.

Wis., Kewaskum—S. N. Casper, village clk., making plans 50 g.p.m. sewerage pump, 10 ft. head. J. Donohue Eng. Co., 608 North 8th St., Sheboygan engrs.

Ia., Mitchellville—Making plans sanitary sewerage system. $30,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Ia., Sioux City—Soon takes bids 12,635 ft. 15- to 48-in. rein.-con. or monolithic and vitr. clay sewers, etc., in various streets. $96,000. J. H. Mayne, City Hall, engr. Noted Dec. 11.

Mo., Craig—See "Waterworks."

Mo., Mountain Grove—Making preliminary plans sewerage system. $25,000. Alexander Eng. Co., 517 Woodruff Bldg., Springfield, engrs.

Mo., St. Joseph—City rejected bids Aug. 11, storm sewers in Florence Addition. W. K. Seitz, city engr. Noted Aug. 20.

Tex., Anson—See "Waterworks."

Tex., Atlanta—Election Nov. 14, $33,000 bonds, sewerage system. Engineer not announced.

Tex., Carrollton—Election soon $40,000 bonds, sewers in various streets. R. E. Roberts, mayor.

Okla., Altus — Making preliminary plans 14,600 ft. 8 and 10 in. vitr. clay sanitary lateral sewers in Dist. 12. $26,000. L. Chisum, Altus, engr.

Okla., Apache—Making preliminary plans 5 mi. sanitary sewers in all streets and disposal plant. $40,000. E. B. Gregory, mayor. Engineer not selected.

Okla., Ft. Cobb — Making surveys new sanitary sewerage system. $28,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Tipton — Made preliminary plans 9 mi. sanitary sewers in various streets and disposal plant. Election soon $70,000 bonds for same. Gantt-Baker Co., 1116 Main St., Oklahoma City, engrs.

Calif., Los Angeles — See "Streets and Roads."

BIDS DESIRED

N. Y., New York—Sept. 22, by H. Bruckner, pres. Bronx Boro. Municipal Bldg., Crotona Park, Tremont and 3rd Aves., sewers, etc. in Campbell Dr., Agar Pl., Cornell, Bronx River, Leland, Patterson, Commonwealth, Lacombe, St. Lawrence and Beach Aves., and point about 280 ft. north Randall Ave.; sewers in (Cunette inverts only) sewer Easement, Potter Pl., Waterbury, Stadium and Rawlins Aves.

Del., Milford—Sept. 22, at Council Chamber, 19,800 ft. 8- to 15-in. vitr. sewers in various streets. Albright & Mebus, 1502 Locust St., Phila., Pa., consult. engrs.

Md., Salisbury — Oct. 1, by Water & Sewer Comn., C. E. Harper, chn., 500,000 gal. rein.-con. low level reservoir, 20 ton c.i. pipe, etc., contr. 10. F. H. Dryden, ch. engr.; adv. E. N.-R. Sept. 17.

W. Va., Clarksburg — See "Streets and Roads."

N. C., Elizabeth—Sept. 23, by City, sanitary and storm sewers, waterworks, steel tank, dams, etc. W. C. Olsen, Raleigh Bldg. & Loan Bldg., Raleigh, engr.

Fla., Vero Beach—Sept. 24, by H. T. Redstone, city clk., rein.-con. sewage disposal plant, etc. Carter & Dameron, Seminole Bldg., engr.

Ala., Clio—See "Waterworks."

O., Bedford—Sept. 19, by Village, sewer and watermains in Archer, Columbus, Overlook, Paul, Interstate and Broadway Sts. B. T. Wright, Town Hall, engr.

Mich., Caspian—Sept. 22, by O. C. Nelson, village clk., sanitary sewerage system. $30,000. Druar & Milinowski, 500 Globe Bldg., St. Paul, Minn., engrs. Noted July 30.

Ill., La Grange—See "Waterworks."

Tex., Houston—Taking bids storm sewers and permanent paving Polk St., etc. $40,000. J. C. McVea, city engr.

Okla., Garber—Oct. 2, by G. L. Matterson, city clk., 10 750 ft. 8 and 10 in. vitr. clay sewers, etc. in 22 blocks various streets. $31,500. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 10.

Ore., Portland—Sept. 30, at office G. R. Funk, city aud., Front St. intercepting sewer and drainage system, incl. seawall along river front. O. Laugaard, city engr.; adv. E. N.-R. Sept. 17.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens boro, Queens Suway Bldg., Sept. 8, sewers, etc. in Sanford Ave., from Peace Bros., 20 Main St., Flushing, $4,561; in Queens Blvd., from Muccini & Decker, 6102 18th Ave., Brooklyn, (a) $18,022 (b) $16,909; Utopia Parkway, from C. Pettracca, 737 Kathleen Court, Brooklyn, (a) $51,373, from J. Gallo, 203 Division St., Brooklyn, (b) $39,964. Noted Sept. 3.

SEWER—GRAND RAPIDS, MICH.

Following are lowest three bids received by city, July 22, for Marion Lane Relief Sewer Project, Contr. Q-2 (A) Peninsular Construction Co., Grand Rapids (awarded contract); (B) Coolsaet Brothers, Detroit; (C) Brogan & Jensen, Grand Rapids. The unit bids are as follows:

	A.	B	C
4,195 lin.ft. 13.7 cut type "A" sewer—cunette invert	$21 90	$21 20	$22 95
4,195 lin.ft. 13.7 cut type "A" sewer—"V" invert	21 00	20 20	22 45
Junction chamber (lump sum)	350 00	900 00	750 00
530 lin.ft. 10.7 cut 60 in. sewer—monolithic type	13 06		
530 lin.ft. 10.7 cut 60 in. sewer—reinforced concrete pipes		15 50	13 00
460 lin.ft. 10.7 cut 60 in. sewer—pipe furnished by city	6 84	8 00	6 00
475 lin.ft. 11.4 cut 54 in. sewer—monolithic type	10 65		
475 lin.ft. 11.4 cut 54 in. sewer—reinforced concrete pipes		14 00	11 90
Junction manhole (lump sum)	150 00	150 00	200 00
680 lin.ft. 9.6 cut 42 in. sewer—monolithic type	7 52		
680 lin.ft. 9.6 cut 42 in. sewer—reinforced concrete pipes		10 00	7 90
310 lin.ft. 9.3 cut 36 in. sewer—monolithic type	6 58		
310 lin.ft. 9.3 cut 36 in. sewer—reinforced concrete pipes		9 00	7 00
595 lin.ft. 8.9 cut 42 in. sewer—monolithic type	7 40		
595 lin.ft. 8.9 cut 42 in. sewer—reinforced concrete pipes		10 00	7 90
615 lin.ft. 9.1 cut 30 in. sewer—reinforced concrete pipes	5 25	7 00	5 80
325 lin.ft. 9.6 cut 24 in. sewer—reinforced concrete pipes	4 00	6 00	4 50
21 standard manholes—10 ft. or less	60 00	80 00	85 00
50 vert. ft. manholes—additional depth	8 00	9 00	9 00
2,000 vert. ft. underdrain	40	85	60
600 cu.yd. additional earthwork above bottom	1 00	1 00	2 00
100 cu.yd. additional earthwork below bottom	2 00	1 50	3 00
300 cu.yd. rockwork (net price)	5 50	7 00	10 00
100 cu.yd. gravel refilling	2 00	3 00	3 00
53 M. ft. BM. timber left in place	40 00	45 00	60 00
50 cu.yd. additional class "A" concrete	10 00	15 00	18 00
50 cu.yd. additional class "C" concrete	8 00	10 00	16 00
10,000 lb. additional steel reinforcement	05	05	06
5 cu.yd. additional brick masonry	25 00	30 00	30 00
List $1,369.90 a.s.t.m. clay sewer tile	—20%	—50%	—20%
Extended totals with item 1A	$133,314	$142,139	$144,581
Extended totals with item 1B	129,538	137,944	142,483

Okla., Lawton—Sept. 15, by City, 2 mi. 8- to 15-in. vitr. sewers, etc. Albright & Mebus, 1502 Locust St., Phila., Pa., consult. engrs.

Ill., Chicago—Sanitary Dist. of Chicago, 910 South Michigan Ave., Sept. 3, Div. R, grit chambers and preliminary settling tanks, incl. 20,000 cu.yd. excav., 11,800 cu.yd. concrete, 550 tons reinforcing, etc., from J. Griffith & Sons Co., 112 West Adams St., $801,666. Noted July 9.

Ark., Morrilton—G. C. Martin, city secy., Aug. 31, 30,000 ft. 8- to 12-in. sewers, etc. in various streets, from Rowan & Rickard, Pine Bluff, $46,295. Noted Aug. 27.

Tex., San Angelo — W. D. Holcomb, mayor, sewerage treatment plant, embracing levees, Imhoff tank, 118 x 234 ft. sprinkling filter, etc., also outfall sewer, 3 siphon river crossings, 4 connecting lateral sewers 4.83 mi. long, 10.03 mi. mains and lateral sewers north of North Conches River, and 10 mi. mains and lateral sewers south and west of North Conches River, from Municipal Excavator Co., San Angelo, $74,000 and $177,733 respectively. Engrs. est. $80,000 and $195,000 respectively. Noted July 30.

Calif., Los Angeles — Los Angeles Co., 5,234 ft. rein.-con. storm drain in Sycamore Storm Drain, Sect. 2, from Los Angeles Industrial Engrs. & Contrs., Inc., 312 Guarantee Bldg., Hollywood, $55,543. Engrs. est. $48,000.

CONTRACTS AWARDED

Mass., Boston—Dept. Pub. Wks., sewerage works in Sumner Brook, Hyde Park, to J. J. Conway, 19 Beethoven St., Roxbury, $22,706. Engrs. est. $25,000. Noted Aug. 27.

Pa., Westmont (Lebanon P. O.) — Borough Council, c/o O. P. Thomas, engr., Park Bldg., Johnstown, 2 mi. 8- to 15-in. terra cotta sewers, etc. in various streets, to D. R. Davis & Co., Johnstown, 27,430. Noted July 30.

Maryland—State Rds. Comn., Baltimore, concrete paving 2.42 mi. State Highway from Priests Bridge towards Upper Marlboro, Prince George Co., Constr. P-42, to Christhilf & Ensey Co., 1625 Ridgely St., Baltimore, $77,669; graveling 2.63 mi. road from state road near Pomfret to Benville School, Charles Co. Contr. CH-34, to H. S. Swann, La Plata $17,226, 2.25 mi. road

Sewers (Continued)

from Pomonkey towards Marshall Hall, Charles Co., Contr. CH-33, to J. A. Wilmer, La Plata, $23,183. Grand total $118,078. Noted Aug. 27, Sept. 3 and 10.

Md., Baltimore — City Council storm drains and sanitary sewers, listed in Sewer Dist. J-8 and 38, Storm Water Contr. 88, to W. H. Thompson, Relay, Md., $13,032. Noted Sept. 10.

Md., Catonsville (br. of Baltimore) Comrs. Baltimore Co., Towson 32,520 lin.ft. 6 in. terra cotta sewer as listed in Proposal 5-S, to Carrozza-Rowe Co., 624 North Gilmor St., Baltimore, $144,983. Noted Aug. 20.

W. Va., Clarksburg—Brick surfacing ¼ mi. north side East Pike St., to T. P. Keenan, Clarksburg, $28,503. Noted Aug. 27.

Ala., Birmingham—City, storm sewers in 5 blocks 24th, 25th and 26th Sts., 14th, 15th, 16th and 17th Aves. N, to A. H. Dimijian, Woodward Bldg., $17,028, engrs. est. $22,-500; brick sanitary sewers in 5 blocks Ave. I, Ensley, to J. J. Goddard, 436 Powell St., $10,320, engrs. est. $10,500.

O., Cleveland—For 4,435 ft. 12 and 15 in. vitr. clay sewers in East Blvd., to D. M. Zullo, 706 The Arcade, $29,249. Noted Sept. 10.

O., Columbus — W. H. Duffy, dir. Pub. Serv., 4,930 ft., 6 and 8 in., sanitary sewer in alley east Dresden St., to H. M. Bright, 350 South Hague Ave., $7,206; 12,850 ft. 6- to 12-in. in alley east Eastview Ave., and 6,617 ft. 10- to 20-in., combined sewer in alley north 18th and 20th Aves., to B. Canini, 1705 Shawnee Ave., $17,412 and $18,309 respectively; 746 ft. 6 and 8 in. in Ellsworth Ave., to H. E. Miller Contg. Co., 938 South High St., $1,262; 5,750 ft. 6 and 8 in. in Fairview Ave., to D. W. Sullivan, 951 Mt. Pleasant Ave., $8,090; 1,526 ft. 8 in. in Leonard Ave., to L. B. Wilkinson, Columbus, $3,143; 2,505 ft. 6- to 18-in. in Hamilton Ave., to H. S. Bosler Constr. Co., 1504 Mulford Ave., $11,474; 1,428 ft. 6 and 10 in. in Parsons Ave., to R. F. Riley, Columbus, $4,858. Grand total $71,754. Noted Aug. 13.

Mich., Detroit—Monolithic concrete, brick and vitr. crock sewers, in Pembroke Ave. Arm West, Hubbell Ave. sewer, to Jeynes & Son, 1208 Ford Bldg., $53,448, Fenkell Ave. Arm West, Hubbell Ave. sewer, to Detroit Drainage Constr. Co., Detroit, $39,-379, Harper Ave. Arm West, Cadieux Rd. Sewer, to W. Blanck Co., 40 Seven Mile Rd. East, $14,383, Lateral Sewer 4451, to Michigan Constr. Co., 2237 St. Joseph St., $39,776, Dix Ave. Arm, Lonyo Rd. Sewer, to J. Porath, 903 Transportation Bldg., $108,022, Portlance Ave. Arm, Connors Creek Sewer, to C. R. Lennance Co., 2631 Woodward St., $38,532, Intervale Ave. Arm East, Wyoming Ave. Sewer, to F. Taddeo Constr. Co., 400 Penobscot Bldg., $43,436, Harper Ave. Arm West, Sect. 2 Connors Creek Sewer, to J. A. Mercier Co., 616 Hammond Bldg., $68,913; outlet weir for Lonyo Rd. Sewer, at Dix Ave. and Baby Creek, to A. Phelps & Son, Detroit, $97,400. Grand total $1,379,889. Noted Aug. 27.

Mich., L'Anse—A. G. Ohman, city clk., 3 mi. 8- to 15-in. pipe, to J. Bernidl, Sault Ste. Marie, $44,186.

Tex., Houston—Sanitary sewers in Smith St. from Washington Ave. to Capitol Ave., and in Capitol Ave. from Smith St. to Louisiana Sts., to C. K. Horton, 2202 Clay St., $27,345. Noted Sept. 10.

Tex., Schulenburg — Sanitary sewerage system and disposal plant, to Kirkwood & Wharton, 400 Main Ave., San Antonio, $25,-633. Engrs. est. $25,633. Noted Sept. 10.

Tex., Wesaco — Sewerage system, to W. L. Pearson & Co., 1st Natl. Bank Bldg., $21,000. Engrs. est. $25,000. Noted March 26.

Colo., Denver — Sanitary sewer in Valverde Special Sanitary Sewer Dist. 1, to D. Gibbons & Sons, 1308 Bannock St., $43,-716. Noted June 11.

Calif., Brea—Constructing Imhoff tanks, filters, etc., to R. F. Ware, 2146 East 38th St., Los Angeles, $33,205.

Calif., Los Angeles — Sanitary sewers in Van Ness Ave., etc., to J. M. Housley, 1928 Claudina St., $107,708; in 35th St. between Grand Ave. and Hope St., etc., to W. Liddington, 420 East 60th St., $3,078; in Flora Ave., etc., to C. Marks, $720; and in 63rd St. between Normandie and Westerly Aves., to City Sewer Constr., $50,815. Grand total $162,321. Noted July 9.

Calif., Santa Barbara — City, H. Nunn, mgr., repairing sewage disposal plant and pumping station, to Merritt-Chapman-Scott Corp., 17 Battery Pl., New York City.

Ont., Windsor—City, 2½ mi. 12 to 30 in. concrete sewers in various streets, to Premier Constr. Co., 924 Windsor St., Walkerville, $43,205. Engrs. est. $45,000.

B. C., Point Grey—Laterals in various streets to Cutt & Mellis, 5801 East Boulevard, Vancouver, $20,504; 24 to 42 in. monolithic concrete trunk sewers in various streets, to Harrison & Lamond, 602 Hastings St. W., Vancouver, $58,533. Engrs. est. $80,000.

B. C., Point Grey—Vancouver & Dist. Joint Sewage Bd., Vancouver, 2,546 ft. 3½ ft. and 4 ft. rein.-con. and 2,546 ft. 8 in. vitr. trunk sewers in Marine Dr., here, to F. A. Dawson, 903 Behrins Bldg., Vancouver, $33,799. Engrs. est. $38,000.

Waste Disposal

PROPOSED WORK

N. J., Asbury Park—City plans incinerator. E. F. Hetrick, mayor. Engineer not selected.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Sept. 8, refuse destructor on Betts Ave., near Laurel Hill Blvd., from Hudson City Eng. & Constr. Co., 25 Hunterspoint Ave., $295,600; plumbing, from T. E. O'Brien, 6311 5th Ave., Brooklyn, $6,172. Noted Sept. 3.

Bridges

PROPOSED WORK

North Carolina—State Hy. Dept., Raleigh, plans rein.-con. bridges and culverts in Johnston Co. $27,000, Robeson Co. $94,000, Forsyth Co. $45,000, Iredell Co. $40,000, Davidson Co. $29,315, Stokes Co. $30,000, and Haywood Co. $45,000. C. M. Upham, highway engr.

Ill., Chicago—South Park Comrs., 57th St. and Cottage Grove Ave., take bids about Oct. 1, 3 span 400 ft. steel and concrete bridge, 118 ft., over Lagoon, on continuation of 12th St., $1,000,000; and 100 ft. steel and concrete over channel, at 39th St., $200,000. L. White, 57th St. and Cottage Grove Ave., ch. engr. Noted Aug. 13.

Kan., Abilene—See "Streets and Roads."

Kan., Arlington — Reno Co. soon takes bids 100 ft. rein.-con. and steel bridge, 20 ft. roadway, over Ninescah River, on Project 232, near here. $30,000. W. A. Stacey, Hutchinson, engr.

Kan., Wichita—Sedgwick Co. plans five 80 ft. span rein.-con. bridge, 18 ft. roadway over Arkansas River, at 13th St. M. Roseberry, Court House, engr.

Kan., Winfield—Cowley Co. making preliminary plans one 40 ft. I-beam and one 120 ft. truss span bridge, 18 ft. roadway over Grouse Creek. W. S. Ruggles, Jr., Winfield, engr.

Neb., Niobara — Knox Co. (Center) and State Hy. Dept., Lincoln, making preliminary plans eight 80 ft. low riveted truss bridge, 18 ft. roadway, etc. over Niobara River, two miles west of here. R. L. Cochran, Lincoln, state highway engr.

Missouri—State Hy. Dept., Jefferson City, making plans three 20 ft. rein.-con. slab spans, etc. over branch, three 24 ft. rein.-con. slab spans, etc. over west fork, both in Barton Co.; three 40 ft. rein.-con. deck girder spans, etc. over Goose Creek, Cape Girardeau Co.; one 70 ft. and five 20 ft. rein.-con. slab spans, etc. on Sta. 376, Dade Co.; one 45 ft. rein.-con. deck girder span, etc. over Thompson Branch, one 45 ft. and two 30 ft. rein.-con. deck girder spans, etc. over lower branch, both in Gentry Co.; one 45 ft. and two 35 ft. rein.-con. deck girder spans, etc. over Missouri Pacific R.R. tracks, Jefferson Co.; three 24 ft. rein.-con. slab spans, etc. over St. Louis & Hannibal R.R. tracks, two 70 ft. steel truss and five 20 ft. rein.-con. slabs, etc. over Spencer Creek, and three 35 ft. rein.-con. deck girder spans, etc. over Plum Creek, all in Ralls Co.; one 16 ft. and two 14 ft. rein.-con. slab spans, etc. over Ragdens Slough, one 18 ft. and two 16 ft. rein.-con. slab spans, etc. over Vaney River D.D., one 24 ft. and two 20 ft. rein.-con., slab spans, etc. over drainage ditch and thirty 20 ft. I-beam spans, etc. over St. Francis River all foregoing in Dunklin Co. B. H. Piepmeier, ch. engr.

Tex., Albany—See "Streets and Roads."

Tex., Austin—See "Streets and Roads."

Tex., La Grange — See "Streets and Roads."

Tex., Orange—Orange Co., and Louisiana Hy. Comn., Baton Rouge, La., takes bids after Oct. 1, rein.-con. and steel bridge across Sabine River, on Highway 3, here. $300,000. R. J. Hank, Austin, engr. G. Wickline, 912 West 22nd St., Austin st. bridge engr. Noted June 18.

Wash., Hoquiam — Syndicate, c/o R. Oldham, Hoge Bldg., and E. L. Sk. Alaska Bldg., Seattle, plan toll bridge, he. $500,000. W. L. Lovejoy, city engr.

Wash., Seattle—Comrs. King Co. maki. preliminary plans new draw bridge ov. Duwamish Waterway, at 14th Ave. $200,000. D. Evans, 1522 33rd St., engr.

BIDS DESIRED

New Jersey — Sept. 28, by State H. Comn., Trenton, 5 bridges over branch. Rockaway Creek on Route 9, Sect. 1. between White house and Lebanon. A. L. Grover, secy.; adv. E. N.-R. Sept. 17.

Pennsylvania—See "Streets and Roads."

Va., Lynchburg—Oct. 12, at office E. A. Beck, city mgr., Municipal Bldg., trans. forming wrought iron viaduct into rein.-con. structure, known as Rivermont Viaduct, across Blackwater Creek; adv. E. N.-R. Sept. 17.

North Carolina — See "Contracts Awarded."

Louisiana—See "Streets and Roads."

Ohio — Sept. 25, by Dept. Highways & Pub. Wks., Columbus, concrete arch bridge in Allen Co., $12,603; 246 ft. concrete bridge in Coshocton Co., $21,671; concrete girder bridge in Lake Co., $5,838; bridge and culverts in Morgan Co., $42,332; bridge over Little Beaver Creek, Pike Co., $8,166; bridge in Warren Co., $15,178; bridges in Tuscarawas Co., $39,575, and in Warren Co., $15,178. A. V. Donaheys, div. engr.

O., Akron — Sept. 28, by W. F. Peters, dir. Pub. Serv., temporary 600 ft. steel and timber viaduct, over East Exchange St., railroad crossing, 44,000 lb. new and 153,000 lb. old steel, 354,000 ft. timber, etc. $48,-600. E. A. Kemmler, Delaware Bldg., engr.

O., Cincinnati—Sept. 23, by Director Pub. Serv., 1 span, 170 ft. concrete bridge, at Mitchell Ave. $136,000. F. Krug, City Hall, engr. Noted June 11.

Indiana — Sept. 29, by J. D. Williams, dir. State Hy. Comn., Indianapolis, (**r.c.a. means rein.-con. arch, r.c.g. rein.-con. girder, s.t. steel truss, r.c.s. rein.-con. slab, e.p.g. encased plate girder, and S. R. State Road**), 1 r.c.a. and 1 r.c.g. on S. R. 15-L, Johnson Co.; 3 s.t. on S. R. 15-L, Huntington and Allen Counties; 2 r.c.g. and 1 s.t. on S. R. 30-L, Noble and Whitley Counties; 1 s.t. and 1 r.c.g. on S. R. 30-L, Noble Co.; 1 r.c.g. and 1 s.t. on S. R. 15-L, Green Co.; 2 s.t. on S. R. 15-L, Adams and Allen Counties; 1 s.t., 1 r.c.g. and 1 r.c.s. on S. R. 15-L, Monroe Co.; 1 s.t. on S. R. 15-L, Clinton Co.; 1 r.c.g. on S. R. 20-L, Carrol Co.; 1 e.p.g. on S. R. 71-R, Marion Co.; 1 s.t. on S. R. 71-R, Fayette Co.; and 1 s.t. on S. R. 71-L, Cass Co.

Minnesota—See "Streets and Roads."

Kan., Hiawatha—Sept. 23, by C. A. Ford, clk. Brown Co., two 30 ft. I-beam and one 70 ft. pony truss span bridge over Wolf River, on Federal Aid Project 265-C. S. K. McCreary, Hiawatha, engr.

Tex., Houston—Sept. 28, by O. F. Holcombe, mayor, rein.-con. bridge, with 100 ft. steel bascule lift span, concrete pier and approaches across Buffalo Bayou, for City and Harris Co. $250,000. J. C. McVey, city engr. Howe & Wise, 816 1st Natl. Bank Bldg., engrs. Noted June 25.

Washington—Oct. 6, by State Hy. Dept., Olympia, 220 ft. steel truss span bridge with concrete approaches, etc., over Washougal River, on State Rd. 8, Clarke Co. J. H. Hoover, highway engr. Noted Aug. 6.

New Zealand, Wellington—Sept. 29, by Secretary Pub. Wks., Supplies & Tenders Com., Government Bldg., for Hutt River Bridge, thirty-two 45 ft. deck plate girder spans, on Wellington-Napier Ry.

New Zealand, Wellington—Nov. 17, by Secretary Pub. Wks., Supplies & Tenders Com., Government Bldg., constructing steel and iron work for piers and superstructures of Matahoura and Walkoau Bridges, on Napier-Wairoa Ry.

BIDS RECEIVED

Vermont—See "Streets and Roads."

Pa., Phila.—Pub. Wks., Bureau of Engineering, Sept. 9, 76 ft. steel encased concrete bridge, 70 ft., to carry 2nd St. over Luzerne St., from Brown-King Co., Merchants Trust Co. Bldg., $77,973. Noted Sept. 3.

South Carolina—State Hy. Dept., Columbia, Santee River Bridge and approaches on State Route 30, Federal Aid Project 252, Clarendon-Orangeburg Counties, substructure, from Atlantic Bridge Co., Roanoke, Va., $48,539 and $40,601 respectively.

Bridges (Continued)

timber trestle, from T. P. Wright & Co. East Point, Ga. $225,391, embankment, from Duplin Constr. Co., Warsaw, N. C. $73,672; also 253 ft. rein.-con. bridge over Enoree River, on Greenville-Spartanburg Highway, Greenville Co., from Piedmont Constr. Co., Greenville, $30,141. Noted Aug. 6 and 27.

Michigan—State Hy. Dept., Lansing, constructing 137 ft. bridge File 4113001 Kent Co., from W. Marshall & Son, Galesburg, $52,185.

Ill., Chicago—South Park Comrs., 47th St. and Cottage Grove Ave., Sept. 2, bridges and foundations over Illinois Central R.R. tracks, north of 12th St., Grant Park, from V. Brundage, 110 South Dearborn St., $789,990. Noted Aug. 13.

CONTRACTS AWARDED

Mass., Dartmouth — Repairing various concrete, steel and timber bridges to R. H. Beatties, Buffingham Bldg., Fall River, $50,-771.

Conn., Waterbury—Bd. Pub. Wks., 2 span concrete bridge over Naugatuck River, at Freight St., to C. W. Blakeslee & Sons, Waverly St., New Haven, $206,000. Noted Aug. 27.

North Carolina — State Hy. Comn., Raleigh, will build rein.-con. bridge over Piney Marsh, on Project 193, in Tyrrell Co., by day labor, $80,000; rein.-con. bridge, on Project 594, in Rockingham Co., to G. P. Clay, 204 South Mulberry St., Richmond, Va., $27,585; and rein.-con. bridge, on Project 720-B, Caldwell-Catawba Counties, to Booz-Boyd Co., Wilkesboro, $119,419. Noted Sept. 3.

Louisiana — State Hy. Comn., Reymond Bldg., Baton Rouge, constructing trestle over Sabine Marsh, to W. H. Smith, Jr., Alexandria, $165,414.

La., Bastrop—Morehouse Parish, 374 ft. creosoted timber approach and 100 steel span bridge, at Wards Ferry, and 459 ft. creosoted timber approach and 100 ft. steel span bridge at Vester Ferry, both over Bayou Bartholomew, to Vincennes Bridge Co., Vincennes, Ind., $27,700.

Tennessee—State Dept. Hys. & Pub. Wks., Nashville, fifty-one 26 ft. concrete, and one 100 ft. steel span bridge, incl. earthwork approaches over Forked Deer River, Federal Aid Project 39-D, to W. C. Baird & Co., Nicol Bldg., Nashville, $127,-645, 3 over 20 ft. span rein.-con. bridges between Crockett Co. line and Federal Aid Project 39-A, State Aid Project 302, to Mautz & Oren, Effingham, Ill., $36,033, all above in Dyer Co.

O., Columbus—See "Streets and Roads."

Michigan — State Hy. Comn., Lansing, constructing Trunk Line Bridge 091,301, Saginaw Co., to W. Willits, Addison, $66,-158.

Ia., Cedar Rapids—Linn Co., bridges on Road 11, to H. O. Graham Co., 807 Security Bldg., $46,928; on Road 7, to P. Jayne, Marion, $10,355; on Road 12, to Buscher Constr. Co., Burlington, $18,575.

Arkansas—See "Streets and Roads."

Tex., San Angelo—E. V. Spence, city mgr., 380 ft. rein.-con. arch bridge across Concho River, to K. S. Hull, Jr., Temple, $41,783. Engrs. est. $50,000. Noted Aug. 6.

Idaho—See "Streets and Roads."

Wash., Tacoma—State Hy. Dept., Olympia, 2,833 ft. steel and rein.-con. viaduct across Puyallup River, on State Rd. 1, Pierce Co., to Grant Smith & Co., 845 Henry Bldg., Seattle, $664,910. Noted Aug. 6.

Calif., Sacramento — State Hy. Comn., undergrade crossing under Sacramento Northern R.R., near here, Yolo Co., to Lord & Bishop, Napa, $21,258. Engrs. est. $26,-005. Noted July 30 under "California."

Que., Montreal — Harbor Comrs., Montreal, substructure northern section Montreal-South Shore Bridge, incl. 26 piers, 62,000 cu.yd. concrete, 350 tons steel, etc., to Dufresne Constr. Co., Ltd., 436 Piety Blvd. Noted Aug. 20.

Dams

PROPOSED WORK

Me., Lewiston—Central Maine Power Co., W. S. Wyman, Augusta, mgr., plans concrete dam in Androscoggin River. To exceed $25,000. F. W. Mason, Waterville, co. engr. Noted Feb. 19.

Railways

BIDS DESIRED

Quebec—Sept. 25, at office T. T. Irving, ch. engr. Canadian Natl. Railways, Room 436 New Union Sta., Toronto, Ont., completing grading, fencing, culverts, etc., on China Clay Extension, from China Clay Mine to Remi d'Amherst, 2½ mi., in Amherst Twp., Papineau Co. $150,000.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Ill., Chicago—South Park Comrs., 57th St. and Cottage Grove Ave., soon take bids dredging from bed of lake to make fill from 23rd St. to 39th St. along lake shore, incl. 2,678,00 cu.yd. excav., etc. L. White, 57th St. and Cottage Grove Ave., engr.

BIDS DESIRED

Mass., Milford—Bd. Health taking bids dredging, widening and straightening channel in Charles River Valley, 7,000 cu.yd. earth and 200 cu.yd. rock excav. Former bids rejected. F. H. Lally, chn. Noted Aug. 27.

La., New Orleans — Oct 14, by New Orleans Levee Bd., New Court House Bldg., (1st unit) sea wall project, incl. pumping sand from bottom from Lake Pontchartrain from Spanish Fort to Seabrook, etc., 10,-000,000 cu.yd. earthwork.

Ill., Waggoner—Sept. 25, by Drainage Commissioners Sub-Dist. 4, of Dist. 2, town of Pitman, Montgomery Co., at Town Hall, here, cleaning 20,350 ft. main surface ditch and 6,640 ft. branches, incl. 31,536 cu.yd. excav., etc. G. L. Lewis, Waggoner, and J. W. Dappert, Taylorville, engrs.

Wis., Fond du Lac—City Park Bd., J. Hohensee, secy., taking bids dredging in Lakeside Park. $25,000.

Wis., Milwaukee—E. Brielmaier & Sons, archts., 432 Bway., taking bids excavation for 4 story and basement, 77 x 100 ft., brick and concrete addition, plain foundation, Center St., for St. Marys Convent, 3502 Center St. Total cost $150,000. Noted Aug. 27 under "Buildings—Commercial."

Nova Scotia—Sept. 22, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldg., Ottawa, dredging in East River, here. $20,-000.

BIDS RECEIVED

Mass., Falmouth—Dept. Pub. Wks., Div. Waterways, Boston, dredging about 22,500 cu.yd. material and removing 100 tons boulders in West Falmouth Harbor, from Bay State Dredging & Contg. Co., 62 Condor St., East Boston, $11,175. Noted Sept. 3.

New Jersey — Conservation & Development, State Bldg., Trenton, reconstructing and dismantling Sect. 116-127 Morris Canal, in Little Falls, West Paterson and Paterson, from Dyer-Kane Co., 125 Prospect St., Passaic, $91,174. Noted Aug. 20.

Calif., Los Angeles — Dredging 590,000 cu.yd. channel in Los Angeles Harbor, from Western Dredging Co., 58 2nd St., San Francisco, at $0.235 per yd.

CONTRACTS AWARDED

La., Shreveport — Bd. State Engineers, New Court House Bldg., New Orleans, constructing new levee and extending Ferryfield Levee, 95,000 cu.yd. excav., in Caddo Parish, to Douglas, Buchanan & Co., Shreveport. Bids rejected for 10,600 cu.yd. on Upper Crobin Teele Levee.

Ill., Annawan—Comrs. Mud Creek D. D., Henry Co., enlarging Mud Creek D. D., dredging, to R. C. McWilliams Dredging Co., 332 South Michigan Blvd., Chicago, $28,600, tiling, to D. M. Wisely & Son, Sheffield, $8,583. Engrs. est. $40,000.

Wis., Milwaukee — R. B. Williamson, archt., 405 Bway., excavation for 2 story and basement, 160 x 182 ft., rein.-con. and brick theatre, etc., plain foundation, Kinnickinnic Ave., to C. F. Wussow, 1065 39th St., for Bay View Theatre Co., 174 2nd St. Archts. total est. $350,000. Noted Feb. 19 under "Buildings—Commercial."

Tex., Wharton—J. P. Markham, engr., Wharton, cleaning out and improving 14 mi. Colorado River, in Wharton and Matagorda Counties, to Howard Kenyon Dredging Co., Houston, for Wharton Co. Conservation & Reclamation Dist. 1, c/o D. A. Dickson, chn. $485,000. Noted Aug. 6.

Ont., Sault Ste Marie—Dept. Pub. Wks., Ottawa, dredging, here, to Soo Dredging & Constr. Co., 604 Queen St. E., Sault Ste Marie. Noted July 23 under "Ontario."

B. C., Esquimalt—Dept. Pub. Wks., Parliament Bldgs., Ottawa, Ont., excavating and dredging 10,000 cu.yd. rock from entrance to new drydock, here, to Northwestern Dredging Co., Ltd., 510 Hastings St., W., Vancouver, $40,000.

Streets and Roads

PROPOSED WORK

Mass., Boston — Dept. Pub. Wks., plans constructing and extending Clarendon St. from Beacon St. to Charles River Embankment, Boston Proper, to exceed $25,000; also reconstructing and improving Thurston and Gold Star Sts. East Boston, $25,-000. J. A. Rourke, comr.

Mass., East Boston (Boston P. O.) — Dept. Pub. Wks., Boston, plans widening Lexington St. from Meriden to Shelby Sts. $25,000. J. A. Rourke, comr.

Mass., Quincy (Boston P. O.) — Plans widening Crescent, Beach, Washington and Franklin Sts. at junction of crossings. To exceed $25,000. Private plans.

Mass., Wareham — Plans reconstructing Gibbs Crossing and road from Sawyer Rd. to Onset. $25,000 or more. Cost to be borne by Town, Plymouth Co. (Plymouth) and State. Bd. Selectmen, Wareham, engr.

Conn., Hartford—Plans widening curbing and paving Barbour St. $36,000. R. W. Clark, city engr.

N. J., Freehold — Monmouth Co., plans paving 2.25 mi. Sea Girt-Manasquan Rd., Westwood Ave., Long Branch and Luncroft-Newman Spring Rd. G. K. Allen, Red Bank, engr.

N. J., Trenton—Mercer Co., plans improving new section of Sanhican Dr., here, and on outskirts. $70,000. H. F. Harris, Trenton, engr.

W. Va., Morgantown — Monongalia Co. plans surfacing 12 mi. various roads in Batelle Dist. from Marion Co. line to Pennsylvania state line, 16 ft. $360,000 bonds voted. A. J. Baritell, Morgantown, engr. Noted Aug. 27.

North Carolina — State Hy. Comn., Raleigh, rejected bids Aug. 25, grading and sand asphalt paving 15.33 mi. Project 219-B, Duplin-Lenoir Counties, $268,000; grading and waterbound macadam paving 12.08 mi. Project 514, Caswell Co., $141,000. Will readvertise. Noted Sept. 3.

North Carolina—State Hy. Dept., Raleigh, plans grading, concrete or asphaltic surfacing 7.532 mi. roads in Anson Co. $238,-900, 7.596 mi. roads in New Hanover Co. $237,133, 11.836 mi. roads in Camden-Currituck Counties $185,500, 10.184 mi. roads in Wilson Co. $366,463, 7.364 mi. roads in Burke Co. $258,151, 10.114 mi. roads in Cumberland Co. $343,900, 12.041 mi. roads in Nash-Edgecombe Counties $390,500, 13.246 mi. road in Johnston Co. $417,735, 10.138 mi. road in Cleveland Co. $325,166, 11.516 mi. roads in Davidson Co. $391,531; clearing and grading 11.606 mi. roads in Johnston Co. $50,000, 4.125 mi. roads in Haywood Co. $54,500, 9.114 mi. roads in Stokes Co. $73,500, 4.604 mi. roads in Forsyth Co. $39,239, 9.882 mi. roads in Wake Co. $41,000, 12.388 mi. roads in Robeson Co. $92,704; clearing, grading and surfacing 11.1 mi. roads in Moore Co. $80,-000, 7.4 mi. roads in Wilson Co. $50,000, 9.7 mi. roads in Sampson Co. $70,000; clearing, grading and topsoiling 10.148 mi. roads in Warren Co. $69,648. C. M. Upham, Raleigh, highway engr.

Fla., Live Oak — Suwannee Co., election Sept. 29, $200,000 bonds, constructing Suwannee River Blvd.; $300,000 bonds, road near Welburn to point about 10 mi. south; $500,000 bonds, road from Live Oak to River Bridge, at Dowling Park; $500,000 bonds, road from Live Oak to Lauraville Bridge $1,000,000 bonds, road from Suwannee River Bridge to Brandford. J. W. Bryson, clk.

Fla., Tampa—Hillsborough Co., election Sept. 30, $25,000 bonds paving portion of Osborn Ave.; also $50,000 bonds, 22nd St. W. A. Dickenson, clk.

O., Lisbon — Columbiana Co., plans improving about 1 mi. Wellsville-Salineville Rd., $25,161, and Youngstown-East Liverpool Rd., $573,743; brick paving East Liverpool-East Palestine Rd., $240,668, and Leetonia-Washingtonville Rd., $27,409. L. C. Kirk, Lisbon, engr.

O., Lisbon—Columbiana Co., plans brick paving Salem-Hanover Rd., Hanover and Butler Twps., $200,509; improving Summitville-Salineville Rd., Washington, Franklin and Hanover Twps., $250,000. L. C. Kirk, Lisbon, engr.

O., Lisbon—Columbiana Co., takes bids in spring improving Lisbon-Salineville Rd. $198,620, Elkton-Clarkson Rd. $192,103, Columbiana-New Waterford Rd. $94,019, Georgetown-Salem Public Rd. $274,860, Moultrie-Stark Co. line Rd., West Twp. $48,-202, and Homeworth-North Georgetown Rd. $69,415, brick paving Rogers-Negley Rd., $163,823. L. C. Kirk, Lisbon, engr.

O., Marion—Plans widening West Center St. $25,000. T. C. Cathers, Marion, engr.

Ill., Pittsfield — Plans grading, clearing, grubbing and concrete surfacing 10,000 ft. various streets. $85,000. Caldwell Eng. Co., Jacksonville, engrs.

Ill., Rockford — Plans grading, curbing and brick surfacing 16 blocks North 2nd St. $96,300. B. C. Harvey, City Hall, engr.

Ia., Pleasantville — Plans paving, etc. 8 blocks various streets. $35,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Minnesota — State Hy. Dept., St. Paul, soon takes bids grading, etc. 200,000 cu.yd.

Streets and Roads (Continued)

State Project 6-45, Sects. 1 and 2 Warren-Euclid Rd., Federal Aid Project 378. $40,000. Highway Dept., engrs.

Minn., New Ulm—Plans paving 8 blocks Minnesota St. and Bway. $35,000. F. D. Minium, city engr.

Kan., Abilene—Dickinson Co. soon takes bids grading, bridging, etc. 15.462 mi. Federal Aid Project 29, Sects. A, B and C, 28 ft. C. Nicholay, Court House, and Kansas Eng. Co., 1233 Western St., Topeka, engrs. Noted June 18.

Kan., Kansas City—Wyandotte Co. made plans concrete surfacing 1 mi. Fort to Fort Rd., and 1.72 mi. Walcott Rd., Federal Aid Project 309, both 18 ft. O. K. Williamson, Court House, engr.

Missouri—State Hy. Dept., Jefferson City, making plans 30 ft. grading 25.344 mi. various roads in Audrain, Ralls, Jefferson and St. Charles Counties; 12 ft. chats surfacing 17.512 various roads in Cedar, Dade and Barton Counties; 16 ft. gravel surfacing 19.147 mi. roads in Dunklin, Cape Girardeau, Grundy and Cedar Counties; 18 ft. gravel surfacing 15.799 mi. roads in Wayne, Putnam and Gentry Counties, and 20 ft. gravel surfacing 20.5 mi. roads in Gasconade and Franklin Counties. B. H. Piepmeier, ch. engr.

Mo., Kansas City—Making plans concrete paving Troost Ave. between 65th St. and city line. To exceed $25,000. P. McGeehan, City Hall, engr.

Arkansas—State Hy. Dept., Little Rock, soon takes bids grading, gravel surfacing, etc. 10 mi. Camden-Stephens Rd., Federal Aid Project 223-A, 18 ft., Ouachita Co. R. C. Limerick, highway engr.

Tex., Albany—Shackelford Co., making plans grading and bridging 13.59 mi. State Highway 18, Federal Aid Project 477-B, 26 ft. $53,000. J. E. Perie, Albany, engr.

Tex., Austin — Travis Co. making plans grading and bridging 5.35 mi. State Highway 29, 26 ft. $35,000. O. Leonard, Austin, engr.

Tex., Crosbyton—Crosby Co. voted $35,000 bonds, improving roads in Ralls Dist. Address J. W. Mabe, Crosbyton, co. judge.

Tex., Cuero—De Witt Co., election Oct. 6, $300,000 bonds and constructing roads in Yorktown Dist. Terrell Bartlett Engineers, Calasieu Bldg., San Antonio, consult, engrs. Noted March 12.

Tex., Hillsboro—Hill Co. election Sept. 26, $85,000 bonds, improving 13 mi. highway in Blum Dist. 16, 18 ft. Address O. Culberson, Hillsboro, co. judge.

Tex., Houston — Made plans and soon takes bids permanent paving, etc. Polk Ave. $40,000. J. C. McVey, city engr.

Tex., Kingsville — Making preliminary plans hardsurfacing various business streets. $200,000 or more. L. Gantry, Harlington, engr.

Tex., La Feria—Making plans paving various streets. $100,000. Engineer not announced.

Tex., La Grange — Fayette Co. making plans grading, bridging and gravel surfacing 8.47 mi. State Highway 71, Federal Aid Project 417-B, 18 ft. $150,000. R. E. Schiller, La Grange, engr.

Tex., Lampasas—Lampasas Co., election soon $800,000 bonds hard surfacing 75 mi. various roads and paving Lampasas Sq. Engineer not selected.

Tex., Sherman — Election soon $125,000 bonds, paving 28 various streets. J. A. Henderson, city secy. Engineer not announced.

Tex., Sherman — Grayson Co. defeated $5,800,000 bonds, constructing various roads in Grayson Co., R. M. Carter, co. judge. Noted Aug. 20.

Tex., Snyder—Scurry Co. defeated $650,000 bonds, improving various roads. H. L. Holley, co. judge.

Tex., Temple—Soon takes bids paving 2 blocks North 2nd St. north from French Ave.; South Main St. from Ave. H. to Ave. L; Ave. A from 4th to 16th Sts., and Adams Ave. from Main St. to city limits. $80,000. Engineer not announced.

Tex., Texarkana—Voted $600,000 bonds, paving various streets. O. Yenglin, city engr. Noted Aug. 20.

Okla., Altus—Making preliminary plans grading, curbing and sheet asphalt surfacing 5,500 sq.yd. Live Oak, 7th and 9th Sts. $35,000. S. E. Huckman, mayor. Engineer not selected.

Okla., Braman — Making preliminary plans grading, curbing and vertical fibre brick surfacing 9,100 sq.yd. Main St. $45,000. F. B. King, Grain Exch. Bldg., Oklahoma City, engr.

Okla., Chattanooga—Making preliminary plans grading and concrete surfacing 6,700 sq.yd. Main St. $26,000. Engineer not selected.

Okla., Claremore — Making preliminary plans grading, curbing and concrete surfacing 10,600 sq.yd. 3rd St. $33,000. A. H. Jennings, Claremore, engr.

Okla., Frederick — Making preliminary plans grading and concrete surfacing 8,300 sq.yd. South 9th, 10th, 11th and 14th Sts. $25,000. Engineer not selected.

Okla., Hobart — Voted $56,000 bonds, grading, curbing and concrete surfacing 17,000 sq.yd. 5th, Hill and Bailey Sts. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Lindsay — Plans grading, curbing and vertical fibre brick surfacing 7,850 sq.yd. Choctaw, Cherokee and Chickasaw Sts. $30,380. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Wash., Seattle — City Planning Comn., plans boulevard approach 5 blocks long, 160 ft. wide, to University of Washington campus from University Bridge. $360,000. Bebb & Gould, Hoge Bldg., archts.

Calif., Los Angeles — Dept. Pub. Wks., takes bids about Oct. 3, grading, curbing, guttering, sidewalks, and sheet asphalt on concrete paving approximately 3,600 ft. Terrace Heights, Evanston and 108th Sts., Venice Blvd., Philps Way, Kerchoff and Wilcox Aves. To exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles — Voted $1,250,000 bonds street and sewer improvements. Noted Sept. 10.

Calif., Oakland—Making plans repaving Grand Ave. from El Embarcadero to Mandana Blvd. $100,000. W. W. Harmon, city engr.

Calif., Palo Alto—City Council plans improving Palo Alto Ave., and widening embarcadero road from Southern Pacific Ry. tracks to state highway. $9,000. J. F. Bxybee, Jr., city engr.

Calif., San Diego — Common Council plans improving 21st St. and Julian Ave., 216,627 sq.ft. 1½ in. Warrenite bitulithic on 2½ in concrete paving, 5,008 sq.ft. concrete sidewalk, 1,122 ft. curbing, 1,500 sq.ft. 1½ in. Warrenite bitulithic top, etc. F. A. Rhodes, city engr.

Ont., St. Catharines—Plans asphalt paving St. Paul St. $75,000. B. F. Lamson, City Hall, engr.

BIDS DESIRED

N. Y., New York—Sept. 24, by Park Bd., Dept. Parks, Arsenal Bldg., 64th St. and 5th Ave., F. D. Gallatin, pres., reconstructing and repaving Orchard Beach Shore Rd., and connecting road from Bath Houses to Old City Island Rd., in Pelham Bay Park; 4 park plots in center of Bway. between 137th and 138th Sts., 147th and 148th Sts., 151st and 152nd Sts., and 166th and 167th Sts.; laying walks and asphaltic repaving Tompkins Sq. Park.

N. Y., Richmond Hill (Ind. br. Jamaica) —Sept. 24, by Dept. Parks, Arsenal Bldg., 64th St. and 5th Ave., New York City, F. D. Gallatin, pres. improving road in Forest Park, here.

N. Y., Yonkers—Sept. 29, by Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, grading, etc. Tibbetts Brook Dr., here, Contr. 46. J. Downer, ch. engr.; adv. E. N.-R. Sept. 17.

N. J., Neshanic (Neshanic Station P. O.) —Sept. 21, by Hillsborough Twp. Com., grading and penetration macadam paving 5,138 sq.yd. Montgomery Spur Rd. G. Davis, Whitehouse Station, engr.

N. J., Somerville—Sept. 25, by Somerset Co., constructing New Jersey Turnpike Sect. 1, 1,155 cu.yd. excav., 4,731 sq.yd. concrete, 193 lin.ft. 15 in. pipe, etc., or alternate 1,374 cu.yd. excav., 4,731 sq.yd. surface type C rein.-con., 193 ft., 15 in. pipe, etc. H. C. Van Emburgh, Somerville, engr.

N. J., Trenton—Sept. 22, by Freeholders Mercer Co., 10,000 gal. tar for cold application on Trenton-Hopewell Rd. H. F. Harris, Court House, engr.

Pennsylvania—Oct. 2, by State Hy. Dept., Harrisburg, constructing approximately 14 mi. of 6 projects, also three span through truss bridge. P. D. Wright, secy. highways; adv. E. N.-R. Sept. 17.

Pa., Lewiston—Oct. 5, by H. E. Fetterolf, boro secy., City Hall, Main and 3rd Sts., concrete, brick or tarvia paving Brown 3rd and South Wayne Sts. C. C. Brown, boro engr.

Maryland — Sept. 22, by State Roads Comn., Baltimore, concrete paving 1 mi. state highway from end Contr. D-31 towards Lloyds, Dorchester Co., Contr. D-37. J. N. Mackall, chn.

D. C., Wash.—Sept. 18, by District Commissioners, grading various streets.

W. Va., Clarksburg—Sept. 22, by D. H. Hamrick, city clk., concrete surfacing, sewers, etc., in Monticello Ave., Camden, North 15th and North 20th Sts., 3,050 ft. concrete curbing, 1,800 cu.yd. excav., etc. L. N. Doyle, Clarksburg, engr.

W. Va., Glenville—Sept. 30, by Gilmer Co., improving 6 mi. Sand Fork Creek-Braxton Co. line Rd., Glenville Dist., Project 3280-B; and 3.5 mi. Glenville Dist. line-Third Run Rd., DeKalb Dist., Project 4. N. E. Rymer, co. clk.

W. Va., Hamlin — Sept. 21, by Lincoln Co., grading 2.5 mi. Sect. A, Griffithsville-Washington Dist. Rd., $38,000; and 2.5 mi. same road Sect. B, $39,000, both 16 ft. G. W. Nelson, Hamlin, co. engr.

N. C., Graham—Sept. 24, by City, improving various streets, 1,750 cu.yd. excav., 5,160 sq.yd. old pavements broken up and removed, 7,430 sq.yd. concrete or asphaltic paving, etc. $27,000. R. N. Cook, Graham, clk.

Fla., Key West—Sept. 24, by Comrs. Monroe Co., concrete wall, sidewalks and roadway, etc. for boulevard approximately 6 mi. around eastern portion of Key West Island. J. O. Kirchheiner, chn.

Fla., Tampa—Sept. 22, by City Comn., 2½ in. asphalt block on 6 in. rock paving, 103,308 sq.yd. Impvts. 70, 75, 69, 71, 72, 73, 46, 47, 49, 74, 76, 50, 65, 66, 67, 68, 77, 43, 44, 38, 39, 40 and 42, $271,000; 2 in. amiesite or filbertine on 5 in. rock paving 13,000 sq.yd. Impvts. 33, 34, 35, 36 and 37, $32,000; 4 in. Tampa A Lithic on 6 in. rock paving 12,000 sq.yd. Impvts. 27, 28, 29 and 30, $30,000; 2 in. filbertine on 6 in. rock paving 10,300 sq.yd. Impvts. 31 and 32, $28,000. R. D. Martin, City Hall, engr.

Fla., West Palm Beach — Sept. 23, by Comrs. Palm Beach Co., constructing 17.25 mi. Cross State Highway; 3.61 mi. road from South Bay to Okleelanta; 1.6 mi. road from Belle Glade to Chosen; 7.21 mi. road from Canal Point to Bacom Point; and 10.61 mi. road from Belle Glade to Pahokee. G. O. Butler, West Palm Beach, co. engr.; adv. E. N.-R. Sept. 17.

Fla., Vero Beach—Oct. 6, by Bd. Comrs. Indian River Co., about 99,480 sq.yd. asphalt surface treatment. D. L. Leisher, co. engr.; adv. E. N.-R. Sept. 17.

Ala., Birmingham — Oct. 15, by City Comn., asphalt surfacing 6 blocks 37th St. and 4th Ave., $51,210; and 3 blocks 9th Court St. W. $10,550, both 30 ft. A. J. Hawkins, city engr.

Louisiana—Sept. 29, by State Hy. Comn., Baton Rouge, graveling 5.57 mi. St. Francisville-Clinton Highway, State Project 375-D, East Feliciana Parish; grading, etc. 6.14 mi. Sect. "A" Sun-Bogalusa-Mississippi State Line Highway, Project 412, also constructing 368 ft. steel and concrete bridge over Pushpatappa Creek, on Sect. "B" same road. W. B. Robert, highway engr.

Kentucky—Oct. 12, by State Hy. Dept., Frankfort, grading, etc. 12.4 mi. Hazard-Jackson Rd., Federal Aid Project 138-A, Perry Co., and 13.8 mi. Mayfield-Paducah Rd., Federal Aid Project 144-A, Graves Co., both 24 and 28 ft., and waterbound macadam surfacing 3.3 mi. Piner-Braeht Rd., 16 ft., State Aid Project 105-A, Kenton Co. E. N. Todd, highway engr.

Ohio — Sept. 25, by Dept. Highways & Pub. Wks., Columbus, grading bridging and paving roads in Allen, Athens, Brown, Columbiana, Cuyahoga, Drake, Defiance, Delaware, Erie, Fairfield, Geauga, Hancock, Highland, Huron, Lawrence, Madison, Mahoning, Medina, Paulding, Perry, Portage, Putnam, Richland, Seneca, Trumbull, Tuscarawas, Wayne and Williams Counties; also 18,800 ft. drainage structures in Adams Co. A. V. Donaheys, div. engr.

O., Cincinnati—Sept. 22, by Director Pub. Serv., improving Madison Rd., 3,950 sq.yd. vitr. brick, 7,600 sq.yd. asphalt, 1,950 cu.yd. concrete, 4,550 lin.ft. granite curbing, 2,000 lin.ft. cement sidewalks. $88,410. F. Krug, City Hall, engr.

O., Dayton — Sept. 18, by G. F. Baker, dir. Pub. Serv., improving Germantown, Superior, Edward and Leo Sts., 5,500 sq.yd. vitr. brick, 14,000 sq.yd. asphalt, 3,300 sq. yd. concrete, 5,000 lin.ft. concrete curbing, 5,000 lin.ft. concrete gutter, etc. $136,000. J. F. Hale, city engr.

Michigan—Sept. 25, by State Hy. Dept., at office Comrs. Eaton Co., Charlotte, concrete paving 1.212 mi. State Trunk Line 29-1, Sect. B. G. C. Dilman, Lansing, ch. engr.

Mich., Springwells — Sept. 22, by City Clerk, grading, curbing, guttering and concrete paving, etc., 7,201 sq.yd. Assessment Dists. 98, 99, 31 and Municipal Site. Hub-

Streets and Roads (Continued)

bell. Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Ill., La Grange Park (La Grange P. O.)—Sept. 21, by City, 80,000 sq.ft. concrete sidewalks on various streets. $26,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., South Jacksonville—Sept. 21, by Bd. Local Impvts. at Heinl Greenhouse, grading, curbing, guttering and 8 in. rein.-con. surfacing 10,437 sq.yd. South Main St.

Wisconsin—Sept. 23, by State Hy. Dept., at Div. Office 7, Court House, Rhinelander, improving 4.33 mi. Gillette-Mountain-Leona Rd., Federal Aid Project 413-A, Forest Co., 9.15 acres clearing, 7.27 acres grubbing, 29,059 cu.yd. earth, 400 cu.yd. loose and 1,000 cu.yd. solid rock excav., 9,557 cu.yd. gravel surfacing, etc. J. T. Donaghey, highway engr.

Minn., Minneapolis — Sept. 21, by A. P. Erickson, aud. Hennepin Co., improving Edina-Eden Prairie Rd., Project 25-86, 199,158 cu.yd. earth, 2,247 cu.yd. loose and 1,000 cu.yd. solid rock excav., 411,975 cu.yd. overhaul, etc. $102,000. J. F. Shaffer, Court House, co. surv.

Minnesota—Sept. 29, by State Hy. Dept., St. Paul, **(F.A.P. means Federal Aid Project and S. P. Means State Project)** grading 134,000 cu.yd. S. P. 3-42, Div. B, F.A.P. 347, Otter Tail Co. $25,000, 208,000 cu.yd. S. P. 6-45, Sects. 1 and 2, F.A.P. 378 $45,000, and 100,000 cu.yd. S. P. 8-33, F.A.P. 276, $25,000; gravel surfacing 22,300 cu.yd. S. P. 9-39, F.A.P. 352, $26,000 and 21,200 cu.yd. S. P. 12-26, Sect. 1, F.A.P. 350, $25,000; concrete paving, etc. 139,000 sq.yd. S. P. 1-44, Sect. 1, Divs. C, D and E, F.A.P. 1 $190,000, 71,000 sq.yd. S. P. 1-44, Sect. 6, F.A.P. 372 $95,000, 48,000 sq.yd. S. P. 3-26 $80,000, 38,100 sq.yd. S. P. 3-33 $50,000, 9,500 sq.yd. S. P. 3-33 $15,000, and 14,500 sq.yd. S. P. 3-50, $25,000 all foregoing F.A.P. 375, 87,000 sq.yd. S. P. 3-39, Sect. 2, F.A.P. 8, $115,000. State furnishes cement for above.

Minnesota—Sept. 29, by State Hy. Dept., St. Paul, **(S. P. means State Project, F. A. P. means Federal Aid Project)**, gravel surfacing 15,400 cu.yd. S. P. 7-33, F. A. P. 290 $25,000, 16,200 cu.yd. S. P. 22-26, Sect. 1, F. A. P. 338 $25,000, and 14,700 cu.yd. S. P. 23-30 B, F. A. P. 257 $25,000; sand clay surfacing 2,500 cu.yd. and graveling 17,400 cu.yd. S. P. 9-29, F. A. P. 289, $30,000; also grading 80,000 cu.yd. and constructing Bridge 3720, on S. P. 8-29, F. A. P. 261, $35,000.

North Dakota — Sept. 25, by State Hy. Comn., and Bd. Comrs. Stark Co., at Court House, Dickinson, clearing and grubbing, etc., 6.611 mi. highway from Dickinson south, Federal Aid Project 14.

Missouri—Sept. 25, by State Hy. Dept., Jefferson City, 30 ft. grading 33.852 mi. roads in Audrain, Jefferson, Ralls, Grundy, Stoddard, New Madrid and Scott Counties; 12 ft. chats surfacing 28.856 mi. roads in Barton, Cedar and Dade Counties; 12 ft. gravel surfacing, etc. 4.032 mi. road in St. Charles Co.; 16 ft. gravel surfacing 5.287 mi. roads in Cedar and Cape Girardeau Counties; 18 ft. gravel surfacing 15.833 mi. roads in Wayne, Putnam and Gentry Counties; 20 ft. gravel surfacing 20.708 mi. roads in Gasconade and Franklin Counties; and 18 ft. concrete paving 17.608 mi. roads in Scott, New Madrid and Stoddard Counties. B. H. Piepmeier, highway engr.

Mo., Lebanon—Sept. 21, by W. E. Ford, city clk., asphaltic concrete paving, etc. 16,500 sq.yd. various streets. Russell & Axon, 412 McDaniel Bldg., Springfield, engrs. Noted Aug. 20.

Mo., St. Louis—Taking bids grading and concrete paving alleys in City Blocks 1562, 1570, 1645, 3686, 4517-N, 4823, 5364, 5429-A and 5429-B. $30,000. W. W. Horner, 300 City Hall, engr.

Idaho—Sept. 21, by Commissioner Pub. Wks., Boise, grading, paving, etc. 53,604 sq.yd. Old Oregon Trail Highway, Federal Aid Project 86-B, Canyon Co. $165,000.

Washington—Oct. 6, by State Hy. Dept., Olympia, clearing, grading, etc., approximately 5.1 mi. Kennewick-Richland Rd., State Rd. 3, Benton Co., approximately 2.7 mi. Stella-Coal Creek Slough Rd., State Rd. 12, Cowlitz Co., and approximately 4.3 mi. road from Raymond North, State Rd. 13, Pacific Co.; also clearing, grading and surfacing approximately 4.3 mi. Woodmans Gulch-Chimacum Rd., State Rd. 9, Jefferson Co. J. W. Hoover, highway engr.

Calif., Stockton—Sept. 21, by E. Graham, clk. San Joaquin Co., improving California Ave., Farmington, C. R. Dustin and Atherton Rds., and road from Ray School to Brack Station, etc. F. E. Quail, co. surv.

BIDS RECEIVED

Vermont—Dept. Highways, State House, Montpelier, bituminous macadam paving highway in Peterboro, from R. E. Bull, 151 Harrison Ave., Fitchburg, Mass. $70,429, also 0.68 mi. highway in Holderness, from O. W. Fernald, Berlin, $18,322.

Massachusetts—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, grading and shaping 19,500 sq.yd. Middlesex Fells Parkway in Medford and Melrose, from Coleman Bros., Inc., 245 State St., Boston, $30,940. Noted May 28.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, Sept. 9, grading, curbing and flagging East 29th St., from Grimm Contg. Co., 170 McKinley Ave. $2,662, 56th St. and asphalt paving 56th St., from Buoniello Contg. Co., 6903 Ft. Hamilton Ave., $821 and $4,270 respectively; grading, curbing and flagging, etc. 68th St., and asphalt paving 68th St., from Cranford Co., 52 9th St., $1,827 and $8,207 respectively; asphalt paving Ocean Ave., etc., from M. J. O'Hara, 1228 Park Ave., New York City, $160,458. Noted Sept. 3.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Sept. 9, from Welsh Bros. Contg. Co., 32 Queens St., Astoria, grading, curbing and flagging, etc. Foster Ave., $11,548; from Haupert, Pizzo Foley & Alfieri, 140 Beadle St., Brooklyn, curbing and laying sidewalks, etc. on Grout Ave. $2,304, Tiemann Ave., etc. $1,523, grading, etc. 179th Pl. $775; from Kennedy & Smith, Inc., 93 Amity St., Flushing, asphalt repaving Diagonal St. and Jackson Ave. $56,280; from Sicilian Asphalt Paving Co., 41 Park Row, New York City, grading, curbing, sidewalks, etc. on 116th St. $24,500; from C. Bennett Contg. Co., 414 Rutland Rd., Brooklyn; grading, etc. Rockaway Blvd., $115,197. Noted Sept. 3.

Md., Baltimore — Bd. Awards, grading, curbing, and concrete paving 18,000 sq.yd. streets listed in Contr. 299-OANA, from Tydings, Marine Co., 2 East Lexington St., Baltimore, $49,883.

North Carolina — State Hy. Dept., Raleigh, Sept. 3, grading and concrete paving 4.18 mi. Project 986, Swain Co., from Fiske-Carter Constr. Co., Spartanburg, S. C., $108,621.

South Carolina—State Hy. Dept., Columbia, **(a)** bituminous concrete **(b)** plain concrete paving **(1)** 8.6 mi. York-Gastonia Highway **(2)** 7.7 mi. York-Chester Highway, both in York Co., from Wood Constr. Co., Statesville, N. C., **(a1)** $241,967 **(a2)** $218,988, from Slattery & Henry, Greenville **(b1)** $247,557, from Blythe Bros. Co., Inc., Brevard Ct., Charlotte, N. C. **(b2)** $231,563; also sand clay surfacing 5.7 mi. Bishopville-Lynchburg Highway, Lee Co., from J. H. Milford, Greenwood, $16,102. Noted Aug. 27.

O., Cincinnati—Curbing, laying sidewalks and granite block paving 18,400 sq.yd. Western Ave., from Henkel & Sullivan, 105 Bell Blk., $124,174. Engrs. est. $131,491. Noted Aug. 20.

O., Cuyahoga Falls—City, probably asphalt paving Harrison Ave., from T. E. McShaffrey Constr. Co., 173 South Forge St., Akron, $58,193. Engrs. est. $60,000.

O., East Liverpool—Widening and asphalt resurfacing 1 mi. West 8th St., from Tagenhorst & McLaughlin, East Liverpool, $52,420. Engrs. est. $50,000.

Michigan — State Hy. Dept., at office Comrs. Genesee Co., Flint, concrete paving 0.888 mi. State Trunk Line Rd., 10-38 C, from E. Coseus, Levering, $61,103. Noted Aug. 27.

Michigan — State Highway Comn., Lansing, concrete paving 6.048 mi. Federal Aid Rd., 146 C, Ingham Co., from W. H. Ryan, Jackson, $211,980.

Ill., East St. Louis—Grading, curbing and concrete surfacing, etc., 2,450 sq.yd. 9th St., and 8,100 sq.yd. 40th St., from L. Rich & Sons, 1530 Winstanley Ave., $12,448 and $34,672 respectively.

Ill., Galesburg—Grading, curbing and brick on concrete resurfacing 4 blocks Warren and West Knox Sts., from Graham-King Constr. Co., 550 South Cedar St., $27,332. Engrs. est. $27,642. Noted July 23.

Ill., Villa Grove — From I. D. Lain, Bloomington, 7 in. concrete surfacing, etc. 13,325 sq.yd. Main St. $38,818, 8,314 sq.yd. Oak St. $25,680 and 2,718 sq.yd. Vine St. $8,777. Grand total $73,275. Noted May 28.

Ia., Essex—Grading, curbing and 6 in. concrete surfacing various streets, from P. Nelson & Son, Council Bluffs, $30,891. Noted Sept. 10.

Minnesota — State Hy. Dept., St. Paul, Aug. 25, **(S. P. means State Project and F. A. P. means Federal Aid Project)**, grading 32,000 cu.yd. S. P. 45-22, Stillwater Rd., from C. F. Sculley Equipment Co., 212 Dakota Bldg., St. Paul $25,533, 150,000 cu.yd. S. P. 7-34, F.A.P. 374, from Volden Bros., Milan $59,536, 120,000 cu.yd. S. P. 8-42, F.A.P. 302, from P. W. Rourke, Theif River Falls $42,036, 205,000 cu.yd. S. P. 64-23, F.A.P. 352, from S. G. Enebak, Warren $51,954, 260,000 cu.yd. S. P. 69-22, Sect. 2, F.A.P. 339, from C. Weaver, Anoka $74,032, 11.4 mi. S. P. 7-34, F.A.P. 374, from Stevens Bros., 612 Endicott Bldg., St. Paul, $9,599; concrete paving, etc. 42,000 sq.yd. S. P. 1-48, F.A.P. 1, and 16.1 mi. S. P. 5-30, Sect. 2, F.A.P. 345, from M. J. Nolan Constr. Co., 260 Temple Court, Minneapolis, $96,656 and $191,692 respectively, 165,000 sq.yd. S. P. 1-44, Sect. 5, F.A.P. 1, from R. J. Kapphahn Constr. Co., 181 Wallace Ave., Duluth $256,489, 171,000 sq.yd. S. P. 5-30, Sect. 2, F.A.P. 345, and 120,800 sq.yd. S. P. 5-36, F.A.P. 345, from Hanlon & Okes, Merchants Natl. Bank Bldg., St. Paul, $76,289 and $153,230 respectively, and 268,700 sq.yd. S. P. 27-28, F.A.P. 370, from Ostrand & Hallet, Crosby, $372,075. Noted Aug. 20.

North Dakota—State Hy. Comn., and Comrs. Richland Co., Court House, Wahpeton, Aug. 28, graveling, etc. 7.97 mi. Federal Aid Project 71, Sects. A and B, east and west of Mooreton, from N. Brolander, Wahpeton, $43,909. Noted Aug. 20.

Mo., St. Joseph—Buchanan Co., Sept. 1, grading 2.25 mi. Ferirl Rd., from M. Costello, 1519 South 22nd St., $25,900. Noted Aug. 27.

California—State Hy. Comn., Sacramento, Aug. 31, grading 1.9 mi. road from top Mt. Springs Grade to Myers Creek bridge Imperial and San Diego Counties, from E. M. Dahl, Santa Ana, $49,950. Noted Aug. 13.

Calif., Los Angeles — Grading, curbing, guttering, sidewalks and concrete paving 17,933 sq.ft. June St., from J. Farquhar, Los Angeles $5,412, 53,497 sq.ft. Whitsett St., from J. Morton, 589 Lyon St. $11,564; asphaltic concrete paving 399,353 sq.ft. Edenhurst Ave., from C. U. Henser, 816 Allen Ave., Glendale, $181,091; sheet asphalt paving 120 sq.ft. 35th St., from W. Liddington, 420 East 60th St., $3,078; grading 67,975 cu.yd. Beacon St., from Channel Constr. Corp., Los Angeles, $58,250.

Calif., Los Angeles—Grading, curbing, guttering sidewalks and concrete paving 76,752 sq.ft. Norva St., from W. Warne, 1001 Transportation Bldg., $20,697, engrs. est. $22,474; curbing and sidewalks on 10,402 sq.ft. Jean St., from C. R. Snow, 880 West Knoll Dr., Hollywood, $1,180, engrs. est. $1,918.

Calif., Los Angeles — Los Angeles Co., grading, curbing, guttering and concrete paving 12,000 ft. 85th St., etc., from G. H. Oswald, 306 East 58th St., $54,170; grading, curbing, guttering, etc., 1,400 ft. John St., and portion Orange Ave., from W. Haight, 260 South Pacific Blvd., Huntington Park, $5,508.

CONTRACTS AWARDED

Vermont—Dept. Highways, State House, Montpelier, graveling 4.79 mi. highway in Wallingford and Clarendon to D. S. McGrath, Inc., Adams, Mass., $130,239; rein.-con. bridge and approaches in Northfield, to J. E. Cashman, Burlington 29,910, in Royalton, to H. F. Knight, South Royalton, Me., $12,211, in Walcott, to Rowe Constr. Co., Woodsville, N. H., $8,512. Grand total $180,872.

Massachusetts—Dept. Pub. Wks., Boston, rein.-con. and bituminous macadam surfacing 10,027 ft. highway in Seekonk, Rehoboth and Swansea, to C. Haggerty, Webster, $212,332. Noted Sept. 3.

Mass., Brighton (Boston P. O.)—Dept. Pub. Wks., Boston, sheet asphalt paving Western Ave., here, to J. McCourt, 46 Walt St., Roxbury, $48,230.

Mass., Boston—Dept. Pub. Wks., granite block paving Cambridge and Court Sts., to S. J. Tomascello, 11 Cushing Terrace, Dorchester, $90,812. Noted Sept. 10.

Mass., Framingham—Comr. Pub. Wks., Lexington St., bituminous macadam paving Main St., to Simpson Bros. Corp., 77 Summer St., Boston, $25,156. Noted Aug. 20.

Mass., Medford—Mayors Office, Medford Bldg., Medford Sq., granolithic sidewalks on various streets, to Coleman Bros., Inc., 245 State St., Boston, $37,445. Noted Aug. 6.

New York — A. W. Brandt, comr. Highways, Albany, constructing 8.02 mi. Conduit Blvd., Parts 1 and 2, in Kings and Queens Counties, to Paladino Bros., 13th Ave. and 59th St., Brooklyn, $973,657. Engrs. est. $1,092,171. Noted Aug. 20.

N. Y., New York — H. Brucker, pres. Bronx Boro, Crotona Park, Tremont and

Streets and Roads (Continued)

3rd Aves., to Interboro Asphalt Co., 2306 Creston Ave., bituminous concrete paving McClellan St. $5,892, East 212th St. $4,783, sheet asphalt paving Ellis Ave., $27,419, White Plains Rd. $11,507, Holland Ave. $15,950; to Gaffney Constr. Co., bituminous concrete paving St. Lawrence Ave. $19,423, East 212th St. $4,783, Melville St. $18,968, sheet asphalt paving Garfield St. $9,570, to Burnside Contg. Co., 270 Burnside Ave., asphalt block repaving Fox St., $13,665; to J. V. Timoney Constr. Co., 220 East 201st St., sewers, etc. in College Ave. $12,073, and to Anita Constr. Co., 2975 Marion Ave., in O'Brien Ave., $7,247. Grand total $151,280. Noted Sept. 10.

N. Y., Niagara Falls — Asphalt block paving 5,400 sq.yd. Niagara Ave., to Read-Coddington Eng. Co., 238 Portage Rd., $28,350; 4,063 sq.yd. 15th St., to J. F. McKinney Corp., Gluck Bldg., $22,347.

N. Y., St. George—J. A. Lynch, boro pres., Boro Hall, curbing with steel guard, concrete sidewalks and vitr. brick guttering Fingerboard Rd., to J. R. Fox, 270 Herkimer St., Brooklyn, $8,900; bituminous concrete paving Clove Rd., to J. E. Donovan Paving Co., 614 Union St., Brooklyn, $13,788. Noted Sept. 3.

New Jersey—State Hy. Comn., Trenton, Sept. 14, constructing Delaware River Bridge Connecting Rd., Sects. 1 and 2, in Pensauken Boro, and Delaware River Bridge Entrance Rd., Sect. 2, in Camden, together with relocation of Cooper River, from S. J. Grove & Son Co., Duncannon, Pa., $758,710; trolley track paving Route 9, Sect. 4, in Dunellen, Middlesex Co., 3,900 sq.yd. concrete foundation, and 5,044 lin.ft. single track excav., etc., from M. White, 80 Park Pl., Newark, $24,533. Noted Aug. 27.

N. J., Burlington—Burlington Co., paving 1¾ mi. Jacksonville Rd., to W. S. Trench, Moorestown, $41,782. Noted Sept. 3.

Pennsylvania — State Hy. Dept., Harrisburg, **(R means Route, and A means Application)**, rein.-con. paving, etc. 68,700 sq.yd. R. 158, A 2931, Lehigh Co., to W. M. Moser, Mt. Carmel, $269,506; 31,276 sq.yd. R. 157, Sect. 3, A. 3383, Lehigh Co., to Dalton Bros., Paoli, $130,359; 48,103 sq.yd. R. 150, Bucks Co., to R. L. Bonham Co., Bridgeton, N. J., $157,718; 23,734 sq.yd. R. 189, Sect. 8, R. 66, A. 3029, Armstrong Co., to M. Bennett & Sons, Indiana, $180,625; 15,106 sq.yd. R. 214, A. 3151, Clarion Co., to J. McCarty Constr. Co., Kaukauna, Wis., $61,063; 28,700 sq.yd. R. 271, A. 3466-3682, Erie Co., to J. C. Devine Co., Alliance, O., $114,443; 19,013 sq.yd. A. 3588, Berks Co., to M. Straub, Pitman, N. J., $74,342; 16,500 sq.yd. R. 288, A. 3404, Westmoreland Co., to Donoro Constr. Co., Donora, $79,512; 14,919 sq.yd. R. 29, Mifflin Co., to J. B. Trexler, Lewistown, $84,777, 27,650 sq.yd. A. 1950 and 2089, Beaver Co., to Jones Constr. Co., Sycamore, $154,854; and 12,011 sq.yd. R. 209, Lycoming Co., to Lane Constr. Co., Meriden, Conn., $57,962. Grand total $1,365,161. Noted July 16, Aug. 20 and Sept. 3.

Pa., Pittsburgh — City c/o Dept. Pub. Wks., City County Bldg., regrading, recurbing and repaving 7th Ave. between Bigelow Blvd. and Wm. Penn Pl., to Booth & Flinn, Ltd., Forbes St., $35,275.

Md., Baltimore — Bd. Awards, concrete paving alleys listed in Alley Contr. 117, to Arundel Constr. Co., Knickerbocker Bldg., $48,545. Noted Sept. 10.

W. Va., Wheeling—Ohio Co., improving 3,900 ft. Chapline Street extension, 32 ft., 3,000 cu.yd. concrete structures, 33,000 cu.yd. excav., etc. to H. L. Seabright & Co., 70 43rd St., Wheeling, $107,779. Noted Aug. 6.

North Carolina—State Hy. Comn., Raleigh, grading and concrete paving 12.01 mi. Project 334, Columbus Co., to Penell & Weisiger, Colfax $338,311, 8.73 mi. Project 843, McDowell Co., to J. M. Gregory, Colfax $272,903, 5.37 mi. Project 131-B, Gates Co., and 4.74 mi. Project 4360, Harnett Co., to Highway Eng. & Constr. Co., Selbyville, Del. $138,496 and $138,139 respectively, 5.36 mi. Project 947, Haywood Co., to Appalachian Constr. Co., Knoxville, Tenn. $156,235, 5.92 mi. Project 558, Montgomery Co., to Foster Constr. Co., Wilkesboro $179,885, 8.01 mi. Project 416, Durham Co., to Ziegler Bros., Greensboro $223,580, 4.47 mi. Project 594, Rockingham Co. and 4.21 mi. Project 720-B, Caldwell-Catawba Counties, to J. F. Mulligan Constr. Co., North Wilkesboro $26,319 and $32,200 respectively, 4.38 mi. Project 697-A Extension, Union Co., to J. O. Heyworth, Harvester Bldg., Chicago, Ill., $145,775; grading and asphaltic paving 18.04 mi. Project 397, Robeson Co., to P. R. Ashby & Co., 421 North Person St., Raleigh $377,878, 2.65 mi. Project 674, and 8.98 mi. Project 675, Rowan Co., to R. G. Lasiter & Co., Citizens Bank Bldg., Raleigh, $85,000 and $22,560 respectively. Grand total $2,337,281. Noted Sept. 3.

South Carolina—State Hy. Dept., Columbia, concrete paving 0.81 mi. Greenville-Spartanburg Highway, Greenville Co., to B. H. Martin, Easley, $27,542; also 2 treated timber grade crossings of above highway with Piedmont & Northern Ry., 115 ft. long, to Edisto Constr. Co., Barnwell, $9,187.

Fla., Tampa—For 2½ in. asphaltic block paving, etc., 12,500 sq.yd. portions of Osborn, Citrus, Bailey, 27th, Emily and Cherokee Sts., to Cone Bros., Tampa, $59,400. Noted Aug. 6.

Ala., Birmingham—To Morgan Hill Paving Co., Woodward Bldg., **(e.e. means engineer's estimate)**, grading and chirting 11 blocks Ave. F., $42,733, e.e $43,000, and asphalt surfacing 3 blocks Ave. D, $33,253 e.e. $34,000, both 30 ft. in Ensley, to Southern Roads Co., 107 North 17th St., 5 blocks 6th Ave. S, 40 ft., $41,610 e.e. $44,000, grading and chirting 6 blocks Ave. Q, Ensley, 30 ft., $18,773 e.e. $20,000, and 4 blocks 8th Ave. S. and 40th St., 30 ft., $12,811 e.e. $14,000 to Wood Rucker Constr. Co., Woodward Bldg., 2 blocks 8th Ave. S, 30 ft., $10,652 e.e. $11,000, to Independent Paving Co., Amer. Trust Bldg., 1 block 9th Ave., 30 ft., $10,983 e.e. $11,000, to H. N. Bowdry, Farley Bldg., 2 blocks 30th Pl., $12,704 e.e. $13,000, and 3 blocks Ave. W, $4,281 e.e. $4,500, both 30 ft. in Ensley; to Milton & Erickson, Amer. Trust Bldg., curbing, guttering and 4 blocks sidewalks on one side 18th St., 4 ft., $1,400 e.e. $1,500, to C. F. Browne, Woodward Bldg., 1 block 4 ft. sidewalks on both sides Gulfport St., Ensley, $2,264 e.e. $2,300. Grand total $191,464.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, grading and sheet asphalt on 6 in. concrete surfacing 5.81 mi. Mt. Pleasant-Rockdale Rd., Federal Aid Project 34-B, Maury Co., to S. E. Finley Co., 212 West North Ave., Atlanta, Ga., $152,272. Noted June 2.

Ohio—Dept. Highways & Pub. Wks., Columbus, bituminous macadam paving 3,487 mi. Columbus-Millersburg Rd., to D. W. Botkin & Sons, Columbus, $90,885; and Kentucky rock asphalt paving 0.28 mi. Columbus-Lancaster Rd., to Stuart & Keiner, Maxahala, $11,366, both in Franklin Co.

O., Akron—W. F. Peters, dir. Pub. Serv., improving Spicer St., 4,600 sq.yd. sheet asphalt, 1,600 lin.ft. stone curbing, 3,200 sq.ft. 4 in. concrete sidewalks, and 400 cu.yd. earth excav., to Thorpe Constr. Co., 3280 Scranton Rd., Cleveland, $55,094. Engrs. est. $92,000.

O., Cleveland Heights (Warrensville P. O.)—To Rieley Bros., The Arcade, improving East Scarborough Rd. $16,081, Nordway Rd. $8,271, Northcliffe Rd. $14,663, Queenston Rd. $14,757, Rinard Rd. $9,950; to Spence Bros., 2028 Random Rd., Janette Rd. $14,079; to Cleveland Trinidad Paving Co., The Arcade, Taylor Rd. $9,621. Work involves 29,505 sq.yd. asphaltic concrete, 15,500 lin.ft. stone curbing, 16,460 lin.ft. 4 in. drain tile gutter and 10,650 cu.yd. earth excav.

O., Akron — Summit Co., **(e. e. means engrs. est.)**, to A. E. Guilford Constr. Co., 618 Metropolitan Bldg., grading and traffic bound slag paving, etc., 2.5 mi. Hametown-Richfield Rd., $24,130 e. e. $27,200, 3.93 mi. East Akron-Massillon Rd., $39,511 e. e. $42,800, 5.64 mi. Clinton-Greensburg Rd., $52,805 e. e. $59,500, 1.27 mi. Wadsworth-Johnston Rd., $12,070 e. e. $13,400; to T. L. Smith, 545 Garry Rd., 1.54 mi. Bath-Stow Rd., $24,230 e. e. $27,300; to J. L. McCormick, Ravenna, 1.23 mi. Cuyahoga Falls-Hudson Rd., $13,010 e. e. $13,000. Grand total $165,756. Noted Aug. 27.

O. Columbus — Franklin Co., grading, bridging and waterbound macadam paving 2.96 mi. Tuttle Rd., Marion Twp., to J. M. Snouffer, 248 North 4th St., $38,629.

O., Columbus—W. H. Duffy, dir. Pub. Serv., to Cleveland Trinidad Paving Co., Grand Theatre Bldg., grading, curbing, laying necessary water services and sewer connections and asphalt paving 2,923 ft. Algonquin Ave. $41,921, 4,200 ft. Demorest Ave. $70,652, 1,950 ft. Girard St. $32,136, 2,672 ft. Letchworth Ave. $39,555, 2,689 ft. Powhattan Ave. $34,488, 2,790 ft. Southampton Ave. $42,050, 2,813 ft. Sylvan Ave. $46,814, to R. J. Dienst, 209 South High St., concrete paving 913 ft., alley north Rich St. $8,520, 313 ft. alley west 5th St. $3,890, brick paving 2,120 ft. Harris Ave. $21,264; to A. W. Burns Constr. Co., 1400 North Grant Ave., asphalt paving 1,830 ft. Clinton Heights Ave. $29,134, 1,134 ft. Gregory Ave. $13,455, 758 ft. Magnolia Ave. $11,477, 2,997 ft. 20th Ave. $41,565, 1,736 ft. 21st Ave. $23,035, 1,845 ft. 22nd Ave. $25,762, brick paving 1,085 ft. 26th St. $17,475; to B. F. Patterson, 1214 Neil Ave., asphalt paving 2,315 ft. Tulane Rd. $30,124, [illegible] 450 ft. Long St. $8,896; to L. L. [illegible], 1575 Sullivant Ave., brick paving 1,[illegible] ft. Ludlow St. $30,124; to Franklin [illegible] Paving Co., 209 South High St., asphalt paving 1,395 ft. Eureka Ave. $17,765, [illegible] ft. Park Ave. $20,912, 3,263 ft. Roys Ave. $23,917, 1,907 ft. Townsend Ave. $2[illegible], 356 ft. Deshler Ave. $3,748. Grand total $661,448. Noted Aug. 13.

O., Lakewood (Cleveland P. O.) — Asphaltic concrete paving 6 streets, to Highway Constr. Co., West 112th St. and Madison Ave., Cleveland, $56,157.

O., Lisbon—Columbiana Co., asphalt paving Shadyside Ave., and brick on concrete paving West 8th St., to Allison & Harris Constr. Co., East Liverpool, $25,037 and $54,284 respectively. Engrs. est. $25,000 and $60,000 respectively. Noted June 4.

O., Massillon—Improving Clay St., to A. F. Wendling & Co., Genl. Del., $27,177 engrs. est. $30,000, and sheet asphalt paving East Walnut St., to Burd & Ulrich Co., 2424 6th St. S.W., Canton, $38,939 engrs. est. $40,000. Noted Sept. 3.

Michigan—State Hy. Dept., Lansing, concrete paving 6.078 mi. Federal Aid Rd. 206 A, Saginaw Co., to C. G. Milne, Saginaw, $181,411; graveling 12.786 mi. Federal Aid Rd. 189 A, Chippewa Co., to Hill & Belknap, East Tawas $158,475, 9.282 mi. State Trunk Line Rd. 69-4, Baraga Co., to Fitzpatrick Bros. and Lamont & Calocie, Ironwood $8[illegible]-980, 5.756 mi. State Trunk Line 74-5 C, to S. Cable, Falmouth $31,310, and 2.344 mi. State Trunk Line 74-5B, to E. McDonald, Lake City, $27,541, both above projects in Missaukee Co. Grand Total $457,717. Noted Aug. 27.

Mich., Detroit — To Detroit Asphalt Paving Co., 909 Transportation Bldg., 3½ in. sheet asphalt on 8 in. concrete paving 3,390 sq.yd. Foster Ave., $24,901, and 2,600 sq.yd. Winkelman Ave. $11,780, both 28 ft., 9,570 sq.yd. 14th Ave. $41,460, 6,040 sq.yd. Dickerson Ave. $25,264, 2,455 sq.yd. Nagle Ave. $11,090, 5,760 sq.yd. Springle Ave. $24,115, all foregoing 30 ft., 10,140 sq.yd. Fairecrest Ave., 28 and 36 ft. $42,302, also 13,360 sq.yd. Greiner Ave., 36 ft. $54,664. Grand total $235,576.

Mich., Detroit — To McKenna Trucking Co., 3559 Holcomb St., grading and 6 in. concrete paving Alley 2417 $4,801, Alley 2419 $3,864, Alley 2423 $3,323, Alley 2424 $1,971, Alley 2428, $1,003; to C. W. Shepard Co., 213 State St., Alley 2418 $4,357, Alley 2421 $2,697, and Alley 2426 $1,414; to Bishop & Weir, Inc., 6451 East Six Mile Rd., Alley 2420 $3,131, Alley 2422 $4,027; to Otis Cement Constr. Co., 419 Hammond Bldg., Alley 2425 $1,652 and Alley 2427 $1,262. Grand total $33,502.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, grading Route 24, Sect. 12-A, Sangamon Co., to E. P. Olson, 2901 Monterey St., St. Joseph, Mo., $23,008; paving Route 33, Sect. 2-W, Crawford Co., to O. Arnold, Casey, $19,039.

Ill., Waukegan—Lake Co., rein.-con. surfacing 1 mi. road near Liberty, Project 31-15-D, 18 ft., to J. Cape & Sons, Racine, Wis., $34,891.

Minnesota—State Hy. Dept., St. Paul, **(S. P. means State Project and F.A.P. means Federal Aid Project)**, grading 60,000 cu.yd. S. P. 3-33, F.A.P. 375-A, and 16,000 cu.yd. S. P. 3-35, F.A.P. 375-B, to Clark, Kearney & Starck, Polo, Ill. $36,583, S. P. 3-45, Sect. 3, F.A.P. 25, to M. J. Nolan Constr. Co., 260 Temple Court, Minneapolis $109,823, 110,000 cu.yd. S. P. 50-21, F.A.P. 316, to Volden Bros., Milan, $52,894; gravel surfacing 39,000 cu.yd. S. P. 4-27, F.A.P. 318, to Wiley Bros., Northwood, Ia. $35,434, 27,600 cu.yd. S. P. 6-31, secv. 2, F.A.P. 343-B, to Ennem & Raguss, Wheaton, $30,299; and 16,400 cu.yd. S. P. 11-21, F.A.P. 252, to O. J. Lindholm, Beaudette, $24,551. Grand total $289,584. Noted July 9.

Wis., Milwaukee — Dept. Pub. Wks., to W. F. Hunt, 405 Bway., vibrolithic concrete paving Lake St. $3,258, Melvina St. $12,090 and 26th St. $9,855; to White Constr., 68 Wisconsin St., sheet asphalt paving Martin St., $10,201; to J. Datka, 1147 10th Ave., grading Midland Ave., $787; to Kroening Constr. Co., 39th Ave. and Mitchell Sts., curbing, guttering and sidewalks on 25th St., $10,899; to Schwerm Bros., 50 Lee St., concrete paving 1 alley, $2,538; and to J. Bluhm & Sons, 1298 Achilles Pl., concrete sidewalks on 23rd St., $576. Grand total $50,204. Noted Sept. 3.

Wis., Racine—H. A. Nelson, comr. Pub. Wks., rein.-con. paving 12,000 sq.yd. State St., to Brennan & Bounsall, 305 Main St., Kenosha, at $2.70 per sq.yd. Noted Sept. 3.

Ia., Charles City—Grading, curbing and rein.-con. surfacing 11,000 sq.yd. 3rd Ave., etc., to C. L. Hansen, Charles City, Engrs. est. $25,000.

Streets and Roads (Continued)

Ia., Cedar Rapids—Linn Co., grading Road 11, Sects. A to F, Federal Aid Road 229 and County Road 12, to McGuire Bros., Slayton, Minn., and H. Lowe, Forest City, $71,853, Road 7, to Johnson & Moore, Cedar Rapids, $10,251, tiling, to E. Bartholomew, Cedar Rapids, $304; guard rails, to H. J. Murphy, Marengo.

Ia., Des Moines—To Wright Constr. Co., 211 Flynn Bldg., Warrenite asbestos surfacing 5,877 sq.yd. Edison St. at $2.69 per sq.yd., vibrolithic concrete surfacing 3,512 sq.yd. Oxford St. at $1.92, sheet asphalt surfacing 1,909 sq.yd. Carpenter and 21st Sts., $2.59; to Asphalt Paving Corp., 2nd and New York Sts., sheet asphalt surfacing 2,386 sq.yd. School St., $2.23. Noted July 16.

Minnesota—Ramsey Co. (St. Paul), Dellwood Village and town of Lincoln, grading, paving, etc., 20,212 sq.yd. Div. A, 18,850 sq.yd. Div. B and 20,956 sq.yd. Div. C, Dellwood-Wildwood Rd., to Hanlon & Okes, 1401 Merchants Natl. Bank Bldg., St. Paul, asphaltic concrete $127,484, and to C. F. Sculley Equipment Co., 212 Dakota Bldg., St. Paul, one course concrete $56,350. Noted Aug. 6.

Minn., Owatonna—State Hy. Dept., St. Paul, and R. L. VanNocker, city engr., Owatonna, grading, concrete paving, etc. 23,571 sq.yd. Oak St., to Widell Constr. Co., Mankato, $63,000. Noted July 30.

Minn., Sleepy Eye—Sheet asphalt paving, etc. about 17,500 sq.yd. Main St., to Western Asphalt Paving Corp., 1st and Nebraska Sts., Sioux City, Ia., $52,388. Noted Aug. 20.

Kan., Junction City — Grading, curbing, guttering and 6 in. concrete surfacing 25,-900 sq.yd. various streets, to Luttjohann & Phillips, Topeka, $69,164.

Neb., Alma—E. E. McKee, city clk., grading, curbing and 6 in. rein.-con. paving 45,000 sq.yd. various streets in Dist. 1, to Yant Constr. Co., 813 Omaha Natl. Bank Bldg., Omaha, $114,700.

Neb., McCook—Bitulithic paving various streets in Dist. 8, to Allied Contractors, Inc., 1803 Douglas St., Omaha, $35,000.

Neb., Wymore—J. S. McGuire, acting city clk., grading, curbing and concrete paving, etc. 7,450 sq.yd. streets in Dists. 9 and 10, to J. B. Watts, Concordia, Kan.

Arkansas—State Hy. Dept., Little Rock, improving 7.95 mi. Federal Aid Project 231-A, Ashley Co., 4 acres clearing, 11.44 acres grubbing, 48,388 cu.yd. excav., 17,586 ft. treated and 13,176 ft. untreated timber, etc., to R. L. Lynch, 318 Ridgeway St., Little Rock, $21,139; 10.376 mi. Federal Aid Project 190-C, Lee Co., 17.79 acres clearing, 10 acres grubbing, 74,962 cu.yd. excav., 35,404 cu.yd. gravel, 75,000 lb. structural steel, etc., to Gaster & Howell, Little Rock, $65,-349; 6.893 mi. Federal Aid Project 195-A, Monroe Co., 2.45 acres clearing, 2.8 acres grubbing, 44,920 cu.yd. excav., 12,384 cu.yd. gravel, 24,148 cu.yd. overhaul, etc. and 7.225 mi. Federal Aid Project 219-A, Woodruff Co., 1.8 acres clearing and grubbing, 14,767 cu.yd. gravel, 36,263 cu.yd. excav., 55,584 ft. untreated and 71,532 ft. treated timber, etc., to E. L. Terry & Co., Wilburton, Okla., $34,325 and $42,557 respectively. Grand total $163,370. Noted Aug. 27.

Tex., Edinburg—Hard paving 12 blocks Harriman Blvd. from Courthouse to city limits, to W. L. Pearson & Co., 3804 Mt. Vernon St., Houston, approximately $65,-000.

Tex., Harlingen—Bituminous paving 41,-700 sq.yd. various streets, to F. P. McElwrath, Corsicana. Noted July 2.

Tex., Houston—See "Sewers."

Tex., Plano—Asphaltic concrete on 5 in. concrete paving various streets, to Smith Bros., Inc., Santa Fe Bldg., Dallas, $98,172.

Tex., Stamford—B. F. Davenport, mayor, brick with asphalt filler paving 45,000 sq.yd. various streets, to Thurber Constr. Co., F. & M. Bank Bldg., Fort Worth; 45,000 sq.yd. asphalt surfacing on black base, to Smith Bros., Santa Fe Bldg., Dallas. Noted Sept. 3.

Okla., Clinton—Grading and sheet asphalt surfacing 8,260 sq.yd. Choctaw Ave., to Western Paving Co., Tradesmens Bldg., Oklahoma City, $41,085. Engrs. est. $45,-000. Noted Dec. 18.

Idaho — Commissioner Pub. Wks., at Court House, Paris, to P. J. Anderson Copstr. Co., Pocatello, improving Bear Lake Highway, Federal Aid Project 97-D, Bear Lake Co., 348 cu.yd. solid rock excav. at $2 per cu.yd., 1,446 cu.yd. loose rock excav. $0.65, 21,260 cu.yd. earth excav. $0.25, 28,-909 sta. yd. overhaul $0.04, 13,105 cu.yd. crushed gravel surfacing, etc. $1.95, total $35,965; to G. T. Davis, Pocatello, constructing 108 ft. concrete bridge over Bear Lake River, $13,829, and 144 ft. bridge over Bear Lake Outlet Canal, both 20 ft., on Bear Lake Highway, Federal Aid Project 97-A, Bear Lake Co., $18,133. Grand total $67,927.

Nevada — State Hy. Dept., Carson City, improving 5.4 mi. Federal Aid Project 95, Story Co., Contr. 135, to Dodge Bros., Inc., Reno, $50,427; grading Richmond Furnace Slag Dump Rd., Federal Aid Project 78-A, Eureka 2-C, Contr. 134, to A. D. Drumm, Jr., Fallon, $4,989; grading and gravel surfacing, etc., Federal Aid Project 93, Eureka 2-A, Contr. 132 to J. Ross, Yerington, $57,241; also concrete and gravel surfacing Project 92, Main St., in Battle Mountain, Lander Co., Contr. 133, to Strange & Vallandingham, Salt Lake City, Utah, $12,751. Noted Aug. 27.

Washington—State Hy. Dept., Olympia, grading and concrete paving about 0.47 mi. Everett-Stanwood Rd., State Rd. 1, Snohomish Co., to Noris Bros., Burlington, $19,998; grading and crushed rock surfacing about 2.11 mi. Goldendale-Maryhill Rd., Klickitat Co., to Chenault & Wagner, 331 Couch St., Portland, Ore., $6,451.

Wash., Seattle — Bd. Pub. Wks., paving Interlake Ave. et al, to R. G. Stevenson, 1327 North 34th St., $109,604 engrs. est. $116,786; Linden Ave., also North and East 54th Sts., to Moceri Bros., Thompson Bldg., $40,951 and $85,288 respectively, engrs. est. $40,282 and $92,068 respectively. Grand total $235,843.

Calif., Los Angeles — Grading, curbing, guttering, sidewalks, and concrete paving La Brea Ave., etc., to R. A. Wattson, 1026 McCadden Pl., $172,670; Normandie Ave., etc., to G. R. Curtis Paving Co., Inc., 2440 East 26th St., $35,280; and 1st St., etc., to McCray Co., Amer. Bank Bldg., $30,158. Grand total $238,108. Noted Sept. 3.

Calif., San Diego—Common Council, curbing, gutternig and 1½ in. asphaltic concrete on 5 in. concrete paving 115,637 sq.ft. Barnett Ave., to G. R. Daley, 4430 Boundary St., $26,990; and 4 in. asphaltic concrete paving 183,659 sq.ft. 19th St., from B to Imperial Sts., to Griffith Co., 25 14th St., $33,507. Noted Aug. 20 and Sept. 3.

B. C., Vancouver—Concrete sidewalks on 9 mi. and curbing 1½ mi. various streets, to Armstrong, Morrison & Co., 543 Granville St., $51,525.

Buildings—Industrial

PROPOSED WORK

Me., South Windham—PLANT—L. C. Andrews Box Co. plans rebuilding plant recently destroyed by fire. To exceed $100,-000. Engineer and architect not selected.

Mass., Belmont (Boston P. O.)—SUB-STATION—Bd. Selectmen having plans prepared by F. B. Galaher, 276 Stuart St., Boston, electric sub-station. $140,000 or more.

Mass., Newburyport—FACTORY—Towle Mfg. Co., 260 Merrimac St., having plans prepared 3 story, 32 x 100 ft., brick and steel factory. To exceed $40,000. G. Perkins, 200 Devonshire St., Boston, engr.

Conn., Hartford — FACTORY — Spencer Turbine Co., 484 New Park Ave., having plans prepared by Buck & Sheldon, 60 Prospect St., 2 story, 43 x 152 ft., brick addition, New Park Ave.

N. Y., Lockport — SHINGLE MILL — Lockport Paper Co., Frost St., plans reconstructing shingle mill, brick, Frost St., recently destroyed by fire. To exceed $50,000.

Pa., Phila.—DYEING and CLEANING—Herzog Co., Inc., 5904 Germantown Ave., having revised plans prepared by Ballinger Co., 12th and Chestnut Sts., 1 story, 234 x 235 ft., Heiskill and Magnolia Sts. Noted Sept. 3.

Tenn., Carter— SHOPS—Southern R.R. Co., 1300 Pennsylvania Ave., Wash., D. C., B. Herman, ch. engr., plans rebuilding brick and steel shops, recently destroyed by fire. $400,000.

Tenn., Chattanooga—COLD STORAGE PLANT—Atlantic Ice & Coal Corp., Washington St. Viaduct, making preliminary plans 10,000 ton cold storage plant. $150,-000. Private plans.

O., Cleveland—GARAGE and MACHINE SHOP—City, H. Wright, City Hall, having plans prepared by H. Kregelius, City Hall, 2 story, 110 x 110 ft., brick, steel and concrete, West 41st St. $100,000

O., Marietta—FACTORY—Safe Cabinet Co., having plans prepared by Schenck & Williams, 908 Mutual Home, Dayton, 4 story, 80 x 700 ft., brick, concrete and steel factory. $1,000,000.

Mich., Detroit—GARAGE and SERVICE STATION — Detroit City Gas Co., Clifford St., having plans prepared 2 story and part basement, 159 x 198 ft., rein.-con., brick and steel, 6th St. $150,000. Weston & Ellington, 1507 Stroh Bldg., engrs.

Ill., Elgin—FACTORY—Elgin National Watch Co., G. E. Hunter, genl. supt., having preliminary plans prepared by G. E. Morris, Sherwin Bldg., 4 story and basement, 30 x 496 ft., and 30 x 355 ft., rein.-con. and brick factory.

Ark., Blytheville—SAWMILL, etc.—Chicago Mill & Lumber Co., A. H. Stier, local supt., plans rebuilding mill and power plant, recently destroyed by fire. $400,000.

Tex., Eagle Lake—TEXTILE MILL—Industrial Cotton Mills plans rein.-con. and brick mill. $150,000.

Tex., San Antonio—PACKING PLANT—Mission Produce Co., plans rein.-con., brick and stone packing plant. $50,000. Engineer selected soon.

Ore., Salem — LINEN MILLS — Oregon Linen Mills, Inc., E. M. Page, pres., plans modern mills. $500,000.

Ont., Hamilton—FACTORY—B. Greening Wire Co., 55 Queen St. N., plans enlarging auto chain manufacturing plant. $75,000.

Ont., Niagara Falls — BOILER HOUSE, etc. — Shredded Wheat Co. having plans prepared extensions to plant, boiler house, etc. $50,000. A. Costello, c/o owner, engr.

BIDS DESIRED

Mass., Woburn—REPAIR and SERVICE GARAGE—See "Contracts Awarded."

Conn., Bristol — FACTORY — Root Co., Church Extension, taking bids 4 story, 55 x 125 ft., brick and steel, Church Extension. $125,000. M. J. Unkelbach, 52 Main St., New Britain, archt.

R. I., Providence—FACTORY—T. McGrath, 8 Federal St., taking bids 2 story, 33 x 128 ft., brick factory. $40,000. F. Chaiverine, 32 Bway., archt.

Md., Baltimore — SHOP — Sept. 19, by Stehl & Michel, engrs., 100 North Liberty St., 1 story, 160 x 200 ft. brick, plain foundation, 8th St., for Kimball-Tyler Co., 261 South 8th St. $75,000. Noted Sept. 3.

Ill., Peoria—GARAGE, BOILER ROOM, etc.—Standard Oil Co., 910 South Michigan Ave., Chicago, R. Allen, constr. engr., taking bids rein.-con. and brick garage, boiler room, pump house, oil storage yard, sheds, etc., here. F. Randall, 160 North La Salle St., Chicago, engr. W. Gauger, 36 West Randolph St., Chicago, archt.

Ill., Peoria — WAREHOUSE and COLD STORAGE—B. L. Hulsebus, archt., 1232 Jeff Bldg., taking bids 7 story and basement, 175 x 200 ft., rein.-con., plain foundation, for Central Warehouse & Cold Storage Co.

Wis., Kaukauna — POWER PLANT — Green Bay & Mississippi Canal Co., Insurance Bldg., Appleton, taking bids 2 story, 37 x 170 ft., brick and concrete, plain foundation, here. W. K. Kolb, c/o owner, engr. Noted March 19.

Wis., Menomonie—COLD STORAGE—See "Contracts Awarded."

Kan., Arkansas City—POWER PLANT—See "Contracts Awarded."

Calif., Pittsburgh — PLANT — See "Contracts Awarded."

BIDS RECEIVED

Mass., Dorchester (Boston P. O.)—REPAIR and SERVICE GARAGE—Dept. Pub. Wks., Boston, J. A. Rourke, comr., 1 story, 55 x 200 ft., rein.-con., brick and steel, Hancock St., here, from J. A. Singarella, 110 High St., $49,250. Noted June 18.

Mich., Detroit—POWER PLANT—Public Lighting Comn., East Atwater St., superstructure 1 and 3 story, rein.-con., brick and steel, Morrell St., from W. E. Wood Co., 1805 Ford Bldg., $1,534,800.

CONTRACTS AWARDED

Mass., Cambridge (Boston P. O.)—FACTORY—New England Confectionery Co., 253 Summer St. Ext., Boston, 6 story, 450,-000 sq.ft. floor space, rein.-con., brick and steel, plain foundation, Massachusetts Ave. and Lansdowne St., to Hegeman-Harris Co., 16 North Harvard St., Brighton. Archts. est. $1,000,000. Noted Aug. 27.

Mass., Woburn—REPAIR and SERVICE GARAGE—Holland Bros., Park St. will build 1 story, 85 x 95 ft., rein.-con. and brick, Park St., by day labor. $70,000. Private plans.

Conn., Waterbury—FACTORY—A. H. Wells & Co., 563 Watertown Ave., 1 story, 100 x 145 ft., brick and concrete addition, to Clark Constr. Co., 168 Grand St. Archts. est. $50,000. Noted Sept. 3.

Pa. Chester — MILK DISTRIBUTION STATION, etc. — Supplee Wills Jones Co., 1523 North 26th St., Phila., 1 story and

Buildings—Industrial (Continued)

basement, 152 x 154 ft., rein.-con., brick and steel, plain foundation, 12th and Wabash Sts., to G. Kessler Co., 1732 North Merwine St., Philadelphia.

Pa., Latrobe—STEEL PLANT—Latrobe Electric Steel Co., 1 story, 60 x 400 ft. addition, to Austin Co., Union Trust Bldg., Pittsburgh. Archts. est. $100,000. Noted Aug. 27.

Pa., New Castle—BOILER FOUNDRY—Natl. Radiator Co., 1 story boiler foundry addiiton, to Smith & Bauman, New Castle. Archts. est. $50,000.

Pa., Salina—BRICK PLANT—Kier Fire Brick Co., 1844 Oliver Bldg., Pittsburgh, 1 story brick plant, here, to H. K. Ferguson Co., 6300 Euclid Ave., Cleveland, O. Archts. est. $100,000. Noted April 2.

Ky., Louisville — HYDRO-ELECTRIC PLANT — Louisville Hydro-Electric Co., will build 108,000 hp. plant in eight 13,500 hp. units with provisions for ultimate capacity of 135,000 hp., 507 ft. long, between Rock Island and Kentucky shore, under supervision Byllesby Eng. & Management Corp., 231 La Salle St., Chicago, Ill. $7,500,000. Noted Sept. 4.

O., Cleveland — FACTORY — Lakewood Eng. Co., L. Brown, pres., West 117th St. and Berea Rd., 1 story, 62 x 120 ft., brick and steel, to Austin Co., 16112 Euclid Ave. Archts. est. $50,000.

O., Cleveland — DAIRY, etc. — Ohio Farmers Co-operative Milk Co., R. N. Strong, pres., 3068 West 106th St., altering 1 and 2 story, brick and concrete dairy and constructing new boiler house, West 106th St., to Van Blarcom Co., Natl. City Bldg. Archts. est. $100,000. Noted Sept. 3.

O., Columbus — GARAGE and SHOW ROOM—Scioto Motors Co., 841 North High St., 1 story and basement, 87 x 216 ft., rein.-con., brick and steel, North High St., to H. D. Ball, 288 Oakland Park. Archts. est. $100,000.

Wis., Kenosha — BOILER HOUSE — Bd. Educ., brick and concrete, plain foundation, for Central High School, to Madsen & Peterson, 646 Builders Exch. Bldg., Minneapolis, Minn., $77,386.

Wis., Menomonie — COLD STORAGE—Dunn County, C. K. Averill, trustee, will build 3 story, 40 x 75 ft., brick and timber, plain foundation, at Asylum, by day labor. $45,000. Oppenhamer & Obel, Bellin Bldg., Green Bay, archts.

Wis., Milwaukee — FACTORY — Oilgear Co., 659 Park St., 2 story, 54 x 168 ft., brick and steel addition, plain foundation, Park St., to Worden-Allen Co., Port Washington Ave. Archts. est. $50,000.

Wis., Milwaukee—MANUFACTURING—A. O. Smith Corp., 27th St. and Keefe Ave., general contract 1 story, 182 x 520 ft., brick and steel, plain foundation, to Meredith Bros., 253 Washington St. Engrs. est. $90,000. Noted Sept. 3.

Kan., Arkansas City—POWER PLANT—Kansas Gas & Electric Co., 201 North Market St., Wichita, will build rein.-con. power plant station, here, by day labor. $80,000. C. B. Tingley, Wichita, dist. mgr. Noted Sept. 10.

Kan., Coffeyville—ROASTING KILN—Sherwin Williams Co., 116th and Stephenson Sts., Chicago, Ill., roasting kiln for paint and varnish factory, to Acme Fdry. & Machine Co., Coffeyville. Engrs. est. $100,000.

Mo., Kansas City—PAINT FACTORY—Seidlitz Varnish Co., 18th St. and Garfield Ave., 4 story and basement, 60 x 100 ft., fireproof addition, to W. M. Hall, 414 Hall Bldg., $100,000.

Mo., St. Louis—ORGAN FACTORY—G. Kilgen & Sons, Inc., Laclede and Vandeventer Aves., 1 story and basement, 60 x 73 ft., rein.-con. and brick, Union Blvd., to Kilgren & Murphy Building Co., 512 Wainwright Bldg. Archts. est. $150,000.

Mo., St. Louis—FACTORY—St. Louis Label Wks., 925 North 11th St., 3 story and part basement, 80 x 183 ft., rein.-con. and brick, Glasgow and North Market Sts., to Fruin-Colnon Contg. Co., Merchants Laclede Bldg. Archts. est. $100,000. Noted Aug. 20.

Okla., Enid — PLANT — Miller Boiler & Tank Co., will build 1 story, 75 x 160 ft., steel plant, also 60 x 158 ft. car shed, by day labor.

Calif., Los Angeles—FACTORY—Sunset Silk Hose Mills, 2 story, 70 x 135 ft. factory, 1 story, 32 x 64 ft. dyeing building, and 1 story, 30 x 38 ft. boiler building, San Fernando Rd. near Edwards St., to J. C. Bannister, 6331 Hollywood Blvd., $80,000. Noted Aug. 27.

Calif., Pittsburgh—PLANT—Johns-Manville Co., 500 Post St., San Francisco, will build 2 brick and steel buildings, as first unit of plant here; by day labor. $30,000. Total cost $1,000,000. Noted June 25.

Buildings—Commercial

PROPOSED WORK

Me., Portland — APARTMENT — A. L. Bradbury, Hollis Centre, plans 10 story apartment, Cumberland and Forest Aves., here. $750,000.

Vt., Rockingham—CITY HALL—Town of Rockingham, Bellows Falls, had sketches made by Larson & Wells, Hanover, N. H., 3 story and basement, 100 x 110 ft., brick and steel, Bellows Falls Sect. $250,000.

Vt., Rockingham (Bartonsville P. O.)—THEATRE—Town plans rebuilding 2 story, brick theatre, recently destroyed by fire. $250,000. Engineer and architect not selected.

Mass., Belmont (Boston P. O.)—HOSPITAL—Belmont Hospital, Inc., Concord Ave., having preliminary plans prepared by M. A. Dyer, 1 Beacon St., Boston, 2 story and basement, brick hospital. $200,000.

Mass., Brookline (Boston P. O.)—APARTMENT—Tudor Associates, 263 Harrison Ave., Boston, having plans prepared by Whitten & Gore, 31 Milk St., Boston, 8 story and basement, 100 x 126 ft., rein.-con. and steel, 1442 Beacon St. $500,000.

Mass., Cambridge (Boston P. O.) — APARTMENT—Harlow Realty Co., 4 Brattle St., takes bids about Oct. 1, 4 story and basement, 4,500 sq.ft. floor space, brick and stone, 32 Shepard St. $150,000. H. Harlow, 4 Brattle St., archt. Noted May 7.

Mass., Medford—CITY HALL—City, R. B. Coolidge, mayor, plans new city hall To exceed $150,000. Engineer and architect not selected.

Mass., Melrose (Boston P. O.) BANK—Melrose Savings Bank, 497 Main St., plans 2 story bank, Main and West Foster Sts. $150,000. Engineer and architect not selected.

Mass., Westfield — BANK — First Natl. Bank, having plans prepared by M. R. Harding, 10 Main St., 2 story and basement, 90 x 300 ft., brick and stone. $400,000.

R. I., Newport — CITY HALL — City, Town Clerks Office, rejected bids Sept. 3, 3 story, brick and steel, Bway. $250,000. Appleton & Stearns, 53 State St., Boston, archts. Noted Sept. 10.

R. I., Providence — OFFICE — Waites Auto Supply Co., 64 Exchange Pl., having preliminary plans prepared by Stone, Carpenter & Sheldon, Industrial Bldg., 3 or 4 story and basement, brick and steel, Empire St. $150,000 or more.

R. I., Providence—THEATRE—J. Cohn, c/o E. Q. S. Whitford, archt., Hills Grove, rejected bids 2 story and basement, 20,000 sq.ft. floor space, rein.-con. and brick, plain foundation, Bway. and Westminster St. $500,000. Will readvertise. Noted Aug. 27.

Conn., Bridgeport—APARTMENT—W. F. Chatlos, Broad St., Stratford, had plans prepared by J. W. Northrop, 211 State St., 7 story, brick and steel, Courtland, Golden Hill and Washington Aves. $350,000. Noted Aug. 7.

Conn., Bridgeport—TEMPLE—Pyramid Temple, AAOMS, G. E. Crawford, chn., 2090 North Ave., plans masonic temple, State St. and Wordin Ave. $500,000. Engineer and architect not selected.

Conn., Derby — THEATRE — Malm Amusement Co., 220 Bway., New York City, will not construct 2 story, 65 x 90 ft., and 100 x 122 ft., brick, stone and steel theatre, here. $250,000. Project abandoned. Starrett & Van Vleck, 8 West 40th St., New York City, archts. Noted Sept. 3.

Conn., Hartford — FIRE HEADQUARTERS—Bd. Fire Comrs. take bids about Sept. 21, 3 story, 50 x 150 ft., brick and stone, 275 Pearl St. $250,000. Smith & Bassette, 36 Pearl St., archts. Noted June 18.

Conn., New Britain — THEATRE and OFFICE — B. Hoffman, 113 Church St., New Haven, and G. J. Hoffman, Ansonia, having plans prepared by E. C. Horn & Sons, 1476 Bway., New York City, 2 story, 40 x 150 x 200 ft., brick, steel and rein.-con., Main St. here. $500,000.

Conn., Waterbury—APARTMENT—Daly Estate, c/o F. A. Webster, archt., 51 West Main St., having plans prepared brick and steel, Main St. $150,000 or more.

N. Y., Brooklyn — APARTMENTS — Owner, c/o Shampan & Shampan, archts. and engrs., 188 Montague St., having plans prepared, two 6 story, brick, steel and stone, plain foundations, East 18th St. $500,000 each.

N. Y., Brooklyn — BANK — Flatbush Savings Bank, 910 Flatbush Ave., having plans prepared brick, steel and stone, plain foundation, Flatbush Ave. $200,000. [illegible] B. Boyd, 286 5th Ave., New York City, engr.

N. Y., Brooklyn—HOTEL—Danett Realty Co., c/o Seelig & Finklestein, archts., 44 Court St., having plans prepared 14 story, brick, steel and stone, plain foundation, West 5th St. $1,000,000.

N. Y., Brooklyn—HOME—Brooklyn Industrial Home for Blind, Gates Ave., having plans prepared by Tillion & Tillion, archts. and engrs., 415 Lexington Ave., New York City, 125 x 140 ft., brick, steel and stone, plain foundation, 516 Gates Ave. $400,000.

N. Y., New York—APARTMENT—N. Minskoff, 2382 Grand Concourse, plans 15 story, brick, steel and stone, plain foundation, 119 West 72nd St. $1,500,000.

N. Y., New York—APARTMENT—H. A. Blumenthal, c/o Schwartz & Gross, engrs. and archts., 347 5th Ave., having plans prepared 9 story, brick, steel and stone, plain foundation, West 78th St. $500,000.

N. Y., New York — APARTMENT — H. Hemingway, c/o R. Candela, archt., 200 West 72nd St., making sketches 15 story, brick, steel and stone, plain foundation, East 56th St. $1,000,000.

N. Y., New York — BANK — Standard Bank, 55 Avenue B, having plans prepared by C. N. Whinston, archts. and engrs., 2 Columbus Circle, 3 story, brick, steel and stone, plain foundation, 79th St. and 1st Ave. $150,000.

N. Y., New York—CLUB HOUSE and SEMINARY—Residence Club House, c/o H. I. Cobb, archt. and engr., 1465 Bway., having plans prepared 11 story, brick, steel and stone, plain foundation, 231 East 49th St. $500,000.

N. Y., New York—HOTEL—J. Golding & Bros., 225 West 88th St., plans 25 story, brick, steel and stone, plain foundation, Central Park West. $6,000,000. Engineer and architect not selected.

N. Y., New York — OFFICE — Fifteen West Forty-Seventh St. Corp., c/o W. M. Mason, archt., Grand Central Terminal, East 42nd St., having plans prepared, 14 story, brick, steel and stone, plain foundation, West 47th St., $1,000,000.

N. Y., New York—THEATRE—Emesco Amusement Co., 80 Clinton St., E. Mayer, pres., having plans prepared by H. G. Wiseman, archt. and engr., 25 West 43rd St., 100 x 125 ft., brick, steel and stone, plain foundation, Clinton St. $275,000.

N. Y., New York—THEATRE—One Hundred East Houston St. Corp., c/o S. J. Kessler, archt. and engr., 529 Cortlandt Ave., having plans prepared brick, steel and stone, plain foundation, 96-106 East Houston St. $800,000.

N. Y., New York—WAREHOUSE—Manhattan Storage & Warehouse Co., 124 East 42nd St., had plans prepared by F. Y. Joannes, archt. and engr., 247 Park Ave., 15 story, rein.-con., brick and steel, 201 East 80th St. $900,000. Noted Sept. 3.

N. J., Newark—WAREHOUSE—Standard Sanitary Mfg. Co., 18 East 45th St., soon takes bids 4 story, rein.-con., brick and steel, plain foundation, Ferry St. $500,000. W. S. Timmis, 315 5th Ave., New York City, archt.

Pa., Charleroi — HOSPITAL — Charleroi Monessen Hospital, c/o J. B. Schafer, McKean St., having sketches made by S. F. Heckert, Bessemer Bldg., Pittsburgh, 3 story and basement hospital. $400,000.

Pa., Phila.—THEATRE, etc.—Ogontz & Church Lane Realty Co., c/o Magaziner, Eberhard & Harris, archts., 603 Chestnut St., and Hoffman-Henon Co., and archts., Finance Bldg., having revised plans prepared 2 and 3 story and basement, 71 x 87 x 168 ft., and 74 x 120 ft. theatre, Ogontz and Chelton Aves. Noted July 2.

Pa., Phila.—SALES and TERMINAL—Packard Motor Co., 319 North 19th St., having preliminary plans prepared by P. S. Tyre, 1505 Arch St., 3 and 4 story and basement, 200 x 265 ft., Broad and Allegheny Sts.

Md., Springfield — THEATRE — M. E. Gillioz, 1117 Boonville St., having plans prepared by United Studios, 2110 Walnut St., Chicago, Ill., 1 story and part basement, 74 x 118 ft., brick, here. $150,000.

La., Alexandria — TEMPLE — Masonic Assn., soon takes bids 3 story, rein.-con. and steel temple. $250,000. S. Stone, Jr., 714 Union St., New Orleans, consult, archt H. J. Duncan, Alexandria, associated archt. Noted July 22.

O., Cincinnati — THEATRE — Cinco Co., 525 Walnut St., having plans prepared by C. W. and G. L. Rapp, 190 North State St., Chicago, Ill., 8 story and basement, rein.-con. and brick, plain foundation, 5th and Vine Sts. $1,500,000.

Buildings—Commercial (Continued)

O., Columbus — AUDITORIUM and GARAGE—J. E. McCrehen, 152 East State St., having sketches made 6 story and basement, 187 x 187 ft., Front and Tower Sts. $150,000. Engineer and architect not announced.

O., Lima — BANK and OFFICE — Old Natl. Bank, E. L. Maire, pres., having sketches made by Walker & Weeks, 1900 Euclid Bldg., 8 story and basement, 50 x 87 ft., brick, steel and concrete bank and office building. $350,000. Noted Aug. 27.

O., Ravenna—COURT HOUSE—Portage Co., plans 2 story, addition to court house. $175,000.

Ill., Chicago—APARTMENT HOTEL—H. L. Solomon & I. W. Sevin, 140 North Dearborn St., organizing syndicate and having preliminary plans prepared 12 or more story apartment hotel, on 141 x 148 x 198 ft. site, Surf St. and Sheridan Rd. $2,000,000-$2,500,000.

Ill., Chicago—APARTMENT HOTEL—A. Levy & W. J. Klein, archts., 111 West Washington St., soon take bids 3 story and basement, 50 x 175 ft., rein.-con. and brick, 1414 Pratt Blvd., for I. Shanedling and L. Cole, 5018 Bway. $150,000.

Ill., Chicago—APARTMENT—H. A. Hedman, c/o P. Olsen, archt., 729 Cass St., had plans prepared 3 story and basement, 130 x 150 x 180 ft. ,rein. con. and brick, Woodlwan Ave. near 45th St. $200,000.

Ill., Chicago—APARTMENT—M. Telechansky, c/o E. J. Patelski, archt., 179 North Wells St., had plans prepared 3 story and basement, 150 x 154 ft., rein.-con. and brick, University Ave. and 53rd St. $250,000.

Ill., Chicago — APARTMENT HOTEL — W. C. Bannerman, 2218 Lawrence St., had plans prepared by Hall, Lawrence, Rippel & Radcliffe, 123 West Madison St., 6 story, 50 x 140 ft., rein.-con., plain foundation, 424 Melrose Ave. $300,000.

Ill., Chicago—APARTMENT HOTEL—C. H. Sundberg, c/o W. S. Ahlschlager, archt., 65 East Huron St., had plans prepared 3 story and basement, 100 x 110 ft., rein.-con. and brick, Clarenden Ave. and Garden Terrace, $240,000.

Ill., Chicago—OFFICE—Graham, Anderson & Probst & White, archts., 80 East Jackson Blvd., soon take bids 14 story and basement, 50 x 66 ft., rein.-con. and brick addition to Terminals Building, caisson foundation, 543-547 South Dearborn St., for A. S. Schulman, 537 South Dearborn St. $350,000.

Ill., Chicago — RECREATION and OFFICE — P. F. W. Peck et al., 80 East Jackson Blvd., had plans prepared by A. S. Alschuler, 28 East Jackson Blvd., 7 story, 144 x 165 ft., rein.-con., plain foundation, Wabash Ave. and Congress St.

Ill., Chicago — THEATRE, STORE and APARTMENT — R. Levine & Co., archts., 820 West 70th St., takes bids about Oct. 15, 3 story, 131 x 160 ft., rein.-con. and brick, plain foundation, 25th St. and 43rd Ave., here, for S. J. Gregory, Hammond, Ind., $600,000.

Ill., Chicago—WAREHOUSE—Chatten & Hammond, archts., 160 North La Salle St., take bids about Sept. 20, 6 story and basement, 80 x 125 ft., brick, 215-227 South Loflin St., for Underwriters Salvage Co., West Jackson Blvd. near Halsted St.

Ill., Cicero — THEATRE, STORE and APARTMENT — S. J. Gregory, et al., c/o Levine & Rupert, archts., 822 West 70 St., Chicago, soon takes bids 3 story and basement, 131 x 160 ft., rein.-con., brick and terra cotta, 25th St. and 53rd Ave., here. $500,000.

Mich., Detroit—HOTEL—Weston & Ellington, archts., 1507 Stroh Bldg., preparing plans 12 story and basement, 150 x 200 ft., rein.-con. and brick, plain foundation. $900,000. Owner's name withheld.

Wis., Green Bay — APARTMENT — F. Buchholz, 212 East Walnut St., plans 4 story and basement, rein.-con. and brick, plain foundation, South Van Buren Ave. $150,000. Engineer and architect not selected.

Wis., Milwaukee—BANK—Teutonia Ave. State Bank, 1074 Teutonia Ave., plans 1 story and basement, 50 x 130 ft., brick, concrete and stone, Teutonia Ave. $150,000. Engineer and architect not selected.

Wis. Milwaukee—THEATRE and BUSINESS—Mal Investment Co., 425 East Water St., having preliminary plans prepared by Dick & Bauer, 811 State St., 2 story and basement, rein.-con., brick and terra cotta, plain foundation, Farwell Ave. $500,000.

Wis., Minocqua—HOTEL—A. Puerner & A. S. Green, c/o R. Messner & Bro., archts., 221 Grand Ave., Milwaukee, having plans prepared 3 story, brick and tile, plain foundation. $300,000.

Ia., Bettendorf (Davenport P. O.) — LODGE—Iowa Grand Chapter, A. F. & A. M., Des Moines, having plans prepared by Beuttler & Arnold, Grain Exch., Sioux City, 3 story and basement, rein.-con. brick and stone lodge, here. $150,000.

Ia., Cedar Rapids—HOSPITAL—Cedar Rapids Lutheran Hospital Assn., R. H. Willis, secy., making preliminary plans 2 and 3 story, brick, concrete and stone hospital. To exceed $150,000. Engineer and architect not announced.

Minn., Minneapolis—HOSPITAL—Northwestern Hospital, 2627 Chicago Ave., having plans prepared by Long & Thorshov, 1028 Andrus Bldg., 6 story and basement, rein.-con., brick and stone addition, 2627 Chicago Ave. Excavation and foundation for same, awarded to C. F. Haglin & Sons, 226 Lumber Exch. Bldg.

Kan., Salina — HOSPITAL—Northwest Kansas Methodist Episcopal Conference, c/o C. Shaver, archt., Salina, had plans prepared and soon takes bids (1st unit) 38 x 86 ft. of 4 story and basement, 86 x 150 ft., U shaped, rein.-con., plain foundation. $500,000.

Mo., Kansas City—APARTMENT—C. E. Phillips, Victor Bldg., having plans prepared by N. E. Peters, 1006 Orear Bldg., 4 story and basement, rein.-con., plain foundation, on 120 x 150 ft. site, Broadway Blvd.

Mo., Kansas City—GARAGE—E. Scott, Loss Angeles, Calif., having plans prepared by G. F. Green, Rialto Bldg., 2 and 3 story, 66 x 138 ft., rein.-con., 920 Locust St., here. $150,000.

Mo., Kansas City—WAREHOUSE—W. S. Dickey, Kansas City Journal, 22nd and Oak Sts., having plans prepared by C. A. Smith, Finance Bldg., 8 story and basement, rein.-con., Santa Fe St. and St. Louis Ave. $400,000.

Mo., St. Louis—HOTEL—Southern Real Estate & Financial Co., Central Natl. Bank Bldg., having preliminary plans prepared 12 story, 86 x 135 ft., rein.-con., brick, steel, stone and terra cotta addition to American Hotel, 6th and Market Sts.

Ark., Ft. Smith — ORPHANAGE — Ft. Smith Klan 15, Klu Klux Klan, D. L. Ford, secy., 513½ Rogers Ave., having preliminary plans prepared 3 story, brick and concrete orphanage. $200,000.

Tex., Laredo—HOTEL—M. Little, c/o Hamilton Hotel, having preliminary plans prepared 12 story and basement, rein.-con., brick and stone, plain foundation, Matamoras St. and Salinas Ave. $350,000. Noted Dec. 18.

Tex., San Angelo—HOTEL—McBurnett Hotel Co. having preliminary sketches made 10 story and basement, 140 x 160 ft., rein.-con., brick and stone, plain foundation. $325,000. Private plans. A. Badger, genl. mgr.

Tex., San Angelo—HOTEL—McBurnett Hotel Co. having plans prepared by R. E. Lane, archt. and engr., Waco, 7 story and part basement, rein.-con., brick, tile and stone addition, plain foundation. $175,000.

Tex., San Angelo—HOTEL—S. A. Naylor, Vernon, having preliminary plans prepared about 8 story and basement, rein.-con., brick and stone, plain foundation. $300,000. Engineer and architect not selected.

Tex., San Antonio—CLINIC—F. Herff & W. M. Wolf, c/o City Natl. Bank Bldg., having plans prepared by A. B. & R. M. Ayres, archts. and engrs., Bedell Bldg., 4 story and basement, 103 x 145 ft., rein.-con., brick and stone, plain foundation, Jefferson St. $150,000. Noted Aug. 27.

Tex., San Antonio — CLUB — Alamo Country Club, W. Ochse, chn., c/o San Antonio Drug Co., plans club improvements, incl. rein.-con. swimming pool, aeroplane landing field, canopy over roof garden, etc., Fredericksburg Rd. $100,000.

Tex., San Antonio—OFFICE—Rogers-Hill Co., c/o Travis Bldg., takes bids about Oct. 15, 7 story and basement, rein.-con., brick and stone, plain foundation, Houston and Losoya Sts. $300,000. Private plans.

Tex., San Antonio—STORE and OFFICE—F. Herff & W. M. Wolf, c/o City Natl. Bank Bldg., having preliminary plans prepared by A. B. and R. M. Ayres, Bedell Bldg., 4 story and part basement, 103 x 144 ft., rein.-con., brick and stone, plain foundation, Jefferson St. $150,000.

Wash., Seattle — HOTEL — H. Bittman, archt., Securities Bldg., takes bids about Oct. 1, 12 story, rein.-con. and terra cotta, 5th and Virginia Sts., for Maxim Land & Investment Co., c/o architect.

Wash., Tacoma—APARTMENT—C. F. W. Lundberg, archt., Provident Bldg., takes bids about Oct. 1, 10 story and basement, 110 x 115 x 170 ft., rein.-con., brick and cast stone, Division St. and Bway., for Bricker Investment Co., Provident Bldg. $750,000.

Calif., Altadena (Pasadena P. O.) — HOME — Boys and Girls Aid Society of Pasadena, had plans prepared by M. Hunt, 1107 Hibernian Bldg., Los Angeles, 2 story, 132 x 262 ft. main building, 31 x 196 ft. dormitories, 114 x 143 ft. hospital, and 50 x 54 ft. power house, etc., here. $300,000. Noted May 21.

Calif., Glendale — CLUBHOUSE — Glendale Athletic Club having plans prepared by A. G. Lindley, 800 Amer. Bank Bldg., 4 story, 125 x 200 ft., rein.-con., Central Ave. $150,000-$200,000.

Calif., Los Angeles—LOFT—Lloyd & Caster, Hillstreet Bldg., having plans prepared by W. D. Lee, 401 Sun Bldg., 8 story and basement, 100 x 140 ft. rein.-con., Pico and Maple Sts. To exceed $150,000.

Calif., Los Angeles—THEATRES—West Coast Theatres, Inc., Knickerbocker Bldg., having plans prepared by L. A. Smith, 3rd and Western Aves., 2 story, 135 x 150 ft., Western and Maplewood Aves., $200,000; and 3 story, 135 x 162 ft., Wilshire Blvd. and La Brea Ave., $350,000, both rein.-con.

Ont., London—HOTEL—Lynch Constr. Co. (owners and archts.) 100 East 42nd St., New York City, N. Y., plans 6 and 8 story, 250 x 350 ft., brick and steel hotel, Wellington St. $1,000,000.

BIDS DESIRED

N. H., Manchester—STORE and OFFICE—H. and L. Dana, 20 Pemberton Sq., Boston, taking bids 1 and 2 story, 50 x 100 ft., brick store and office building. $150,000. F. A. Norcross, 46 Cornhill St., Boston, Archt.

Mass., Lawrence — OFFICE — Garvey Bros. & Wagenback, 362 Essex St., taking bids 4 story and basement, 60 x 100 ft., brick office building. $200,000. Private plans.

Mass., Lynn — LODGE and STORE — Sept. 21, by Knights of Pythias, W. E. Salmon, 23 Central Ave., brick and steel, Market St. $150,000. M. F. Burk, 173 Milk St., Boston, archt.

Mass., Norwood—MERCANTILE—Norwood Furniture Co. taking bids 2 story and basement, brick and limestone mercantile building, $150,000. M. Sullivan, 100 Boylston St., Boston, archt. Noted June 25.

Mass., Springfield — APARTMENT — See "Contracts Awarded."

Mass., Quincy (Boston P. O.)—POLICE STATION) Sept. 21 by City, Pub. Building, Dept., City Hall, 2 story and basement, rein.-con., brick and steel, Canal and Sea Sts. $150,000. Noted Aug. 27.

N. Y., New York — APARTMENT — See "Contracts Awarded."

Pa., Phila.—OFFICE and BANK—Sept. 24, by Ballinger Co., archts., 12th and Chestnut Sts., and Heacock & Hokenson, archts., 1211 Chestnut St., 18 story and basement, 39 x 136 ft., rein.-con., brick, stone and steel, plain foundation, Sydenham and Walnut Sts., for Mutual Trust Co., 4th and Market Sts. $1,100,000. Noted June 25.

Mich., Jackson—HOTEL—Sept. 22, by Holabird & Roche, archts., 104 South Michigan Ave., Chicago, Ill., 9 story and basement, 126 x 127 ft., rein.-con. and terra cotta, here, for Hotel Hayes.

Wis., Madison—APARTMENT—Small & Flad, archts., Ellsworth Bldg., taking bids 3 story and basement, 88 x 100 ft., rein.-con., brick and steel, Adams St., for Smacko & Sinagube, 653 Washington Ave. $150,000.

Tex., Denton — HOTEL — R. B. Pender, taking bids 5 story and basement, rein.-con., brick, tile and stone, plain foundation. $200,000. H. L. Spicer, Amicabel Bldg., Waco, engr. and archt. Noted May 21.

BIDS RECEIVED

Mo., St. Joseph—HOSPITAL—Bd. Pub. Wks., Aug. 24, general contract 3 story and basement, 50 x 120 ft., Garfield and South 11th Sts., from T. W. Hackett, 1023 Church St., $92,500. Noted Aug. 20.

Calif., Oakland—HOTEL—J. K. Leaming, c/o W. H. Weeks, archt., 1924 Bway., general contract Leaming Hotel, from R. W. Littlefield, 357 12th St., $264,800; plumbing and heating from Scott Co., 381 11th St., $62,000 and $46,607 respectively. Noted June 25.

CONTRACTS AWARDED

Mass., Cambridge (Boston P. O.) — OFFICE—Warren Bros., 9 Cambridge St., Boston, 4 story and basement, 68 x 110 ft., rein.-con., brick and stone, Charles River Rd., (Memorial Dr.), to Turner Constr. Co., 178 Tremont St., Boston. Archts. est. $175,000. Noted July 9.

Buildings—Commercial (Continued)

Mass., Fall River—STORE—Security System, c/o L. W. Bease, 21 Bease Pl., Springfield, 2 story and basement, 60 x 150 ft., brick and stone, South Main St., to E. J. Pinney Co., 374 Main St., Springfield. Archts. est. $150,000. Noted Sept. 3.

Mass., Norwood—HOSPITAL—Norwood Hospital, c/o H. W. Plimpton, 3 story and basement, 36 x 103 ft., and 43 x 108 ft., brick and stone, plain foundation, to I. F. Woodbury & Sons, 185 Summer St., Boston. Archts. est. $200,000. Noted July 30.

Mass., Springfield — APARTMENT — I. Satin, 270 Worthington St., will build 3 story and basement, 40 x 140 ft. brick, Worthington St. $150,000. Work will be done by separate contract. J. E. Foster, 105 Bridge St., archt. Noted June 11.

Mass., West Newton (Ind. br. Boston)—STORE—L. I. Cate, Watertown St., 2 story and basement, 75 x 185 ft., brick and rein.-con., to M. Slotnick, 333 Washington St., Boston. Archts. est. $150,000. Noted Aug. 27.

Conn., Bridgeport—SHOWROOM—B. D. Sheedy, 174 West 37th St., New York City, 2 story 100 x 225 ft., brick and steel, to M. J. Riorden, Hoyt St., Norwalk. Archts. est. $150,000.

Conn., Winsted — THEATRE — Strand Theatre Corp., Main St., 1 story and basement, brick and steel, Main St., to Torrington Building Co., 182 Church St., Torrington. Archts. est. $150,000.

N. Y., Buffalo — OFFICE — Schoellkopf, Hutton & Pomeroy, Marine Trust Bldg., rein.-con., brick and steel, Niagara St., to J. W. Cowper, Fidelity Bldg., $250,000. Noted March 5.

N. Y., Mt. Vernon—APARTMENTS—Van Lahric Corp., c/o McKim, Mead & White, archts., 101 Park Ave., New York City, 10 brick, steel and stone apartments, plain foundations, East Lincoln Ave., to Van Evelyn Corp., 407 5th Ave. Archts. est. $650,000 each.

N. Y., New York—APARTMENT—Goldner Constr. Co., Sherman and Sickle Aves., will build brick, steel and stone, plain foundation, Nagle Ave. $500,000. Work will be done by separate contracts under supervision of owner. Private plans.

N. Y., New York — LOFT — Magoba Constr. Co., 103 Park Ave., will build 14 story, brick, steel and stone, plain foundation, West 29th St. $1,000,000. Work will be done by separate contracts. Schwartz & Gross, 347 5th Ave., New York City, archts. and engrs.

Pa., Phila.—APARTMENT—Gravell & Hall, archts., Otis Bldg., 12 story and basement, 40 x 71 ft., rein.-con., brick and steel, plain foundation, 15th and Spruce Sts., to Wark Co., 1600 Walnut St., for R. Seltzer Apartment Co., 1433 Locust St. $300,000. Noted Aug. 27.

Pa., Phila. — OFFICE — E. B. Temple, asst. ch. engr. Pennsylvania R.R., Broad St. Sta., 14 story and basement, 150 x 250 ft., rein.-con., brick and steel 32nd and Market Sts., to Irwin & Leighton, 126 North 12th St. Archts. est. $3,300,000. Noted Sept. 3.

D. C., Wash. — CLUB — National Press Club, Albee Bldg., 13 story, brick, steel and stone, 14th and F Sts., to George A. Fuller Co., 949 5th Ave., New York City. Engrs. est. $6,000,000.

N. C., Greensboro—BANK and HOTEL—Greensboro Bank & Trust Co., 17 story, concrete, brick, granite and terra cotta, Elm St., to J. W. Stout, Sanford, $1,400,000. Noted Sept. 10.

N. C., Greensboro — HOTEL — J. E. Latham & Associates, King Cotton Hotel, 13 story and basement, 50 x 100 ft., fireproof, Market St., to Foundation Co., 120 Liberty St., New York City, $1,350,000. This corrects report in Sept. 10 issue.

N. C., Rutherfordton—COURTHOUSE—Rutherford Co., 2 story and basement, brick, marble and Indiana limestone, to Southeastern Constr. Co., Trust Bldg., Charlotte, $203,000. Noted Aug. 27.

Ill., Chicago—APARTMENT—J. Hunt, archt., 30 North Michigan Ave., general contract 9 story (ultimately 21 story) and basement, 171½ x 194 ft., brick, steel, stone and marble, for Nine Hundred Michigan North Corporation, to J. B. French, 30 North Michigan Ave. Archts. est. $3,000,000. Noted Aug. 27.

Ill., Chicago — SERVICE STATION — Mack International Motor Truck Corp., R. Hallam, mgr., 132 East 23rd St., 1 and 2 story and basement, 266 x 460 ft., brick and terra cotta, 33rd St. and Wentworth Ave., to G. L. Arquette Co., 160 North La Salle St. $650,000.

O., Dayton—OFFICE—Herman & Brown, archts., Reibold Bldg., 19 story, rein.-con., brick and steel, plain foundation, North Main St., to H. R. Blagg Co., 1211 East 3rd St., for Dayton Savings & Trust Co., 25 North Main St. $500,000. Noted Aug. 6.

O., Lima — BANK and OFFICE — Lima Trust Co., Market St. and Public Sq., will build 12 story and basement, 75 x 125 ft., brick and tile bank and office building, by day labor. $750,000. Weary & Alford, 1923 Calumet Ave., Chicago, Ill. Noted July 2.

O., Youngstown—HOTEL and HOME—Salvation Army, 29 North Walnut St., 4 story and basement, 40 x 171 ft., brick, 262 East Federal St., to Heller Bros. Co., Thurman and Rayen Aves., $160,000.

O., Youngstown—STATION—New York Central R.R. Co., A. S. Ingalls, genl. mgr., West 35th St. and St. Clair Ave., Cleveland, 2 story and basement, brick, steel and concrete, here, to Walsh Constr. Co., 19 South La Salle St., Chicago, Ill., $450,000. Noted Aug. 27.

Ill., Chicago—South Chicago Y. M. C. A., S. O. Houser, 19 South La Salle St., bus. mgr., general contract 3 story and basement, 100 x 150 ft., incl. gymnasium, etc., 91st St. and Houston Ave., to Schmidt Bros. Constr. Co., 22 East Huron St. Noted Apr. 30.

Wis., Milwaukee — CLUB HOUSE — Milwaukee Eagles 137, 2401 Grand Ave., 3 story and basement, 140 x 208 ft., steel and concrete, plain foundation, Grand Ave., to Immel Const. Co., Dana Bldg., Fo d du Lac. Archts. est. $600,000. Noted Aug. 20.

Wis., Sheboygan—APARTMENT—J. F. Enz, 608 North 8th St., 4 story and basement, 62 x 130 ft., rein.-con. and brick, plain foundation, to Immel Const. Co., Dana Bldg., Fond du Lac. Archts. est. $150,000. Noted Aug. 27.

Kan., Manhattan — DORMITORY — Kansas State Agricultural School, 3 story and basement, 85 x 169 ft., rein.-con., brick and stone, to M. J. Green, Manhattan, $125,000. Noted Aug. 27.

Kan., Wichita—COMMERCIAL—W. A. Vincent, 3 story and basement, 100 x 140 ft., rein.-con., brick and stone, 1st and Topeka Sts., to Eberhardt Constr. Co., Salina. Western Lithograph Co., 125 North Emporia St., lessee. Noted Aug. 6.

Neb., Omaha—OFFICE and STORE—W. S. Crosby, archt., 17 North La Salle St., Chicago, Ill., completing Dodge Building (formerly known as Medical Arts), 17 story and basement, rein.-con. and steel, concrete pile foundation, 17th and Dodge Sts., here to Seldon-Breck Constr. Co., Arthur Bldg., for B. Kulp and associates, 3158 West Madison St., Chicago, Ill. Engrs. est. $2,000,000. Portion of steel frame (now in place) to be removed making L shaped structure. Noted Sept. 4, 1924.

N. D., Bismarck—NURSES HOME—St. Benedicts Academy, St. Joseph, Minn., 3 story and basement with 4 story section, rein.-con. and brick, general contract, to T. A. C. Guthrie Constr. Co., 545 Endicott Bldg., St. Paul. Archts. total est. $200,000. Noted May 28.

Tex., Houston—HOTEL—Rice Hotel Co., c/o N. E. Meadows, pres., Bankers Mortgage Bldg., 17 story, 41 x 114 ft., and 2 story, 32 x 103 ft., rein.-con., brick, stone and steel addition, Texas Ave. and Travis St., to G. W. Hewitt, 2230 Commerce St., Dallas, approximately $700,000. Noted January 29.

Calif., Los Angeles — HOTEL and STORE—M. Friedman, Detwiler Bldg., taking bids 5 story and basement, 106 x 150 ft., rein.-con. and brick, 8th St. and New Hampshire Ave. $150,000. Owner's name withheld. Noted June 11.

Calif., Los Angeles—HOTEL—L. G. Burmann, 1921 North Hobart St., 3 story, 80 x 124 ft. hotel, garage, etc. Wilcox and Selma Aves., to H. E. Jones, 818 Hollywood Guaranty Bldg., $150,000.

Calif., Los Angeles—THEATRE, STORE and OFFICE—Wholesale Properties Co., Westlake Professional Bldg., 3 story, 115 x 179 ft., rein.-con., Alavardo St. and Wilshire Blvd., to Wallace & Dunham, 2007 Wilshire Blvd., $290,000. Noted July 2.

Calif., Los Angeles—WAREHOUSE, etc.—General Electric Co., 724 South Spring St., 3 story, 80 x 240 ft., rein.-con., 52nd St. and Santa Fe Ave., to Austin Co. of California, 777 East Washington St., $300,000.

Buildings—Educational, Religious

PROPOSED WORK

Me., Bangor—SCHOOL—St. Johns Roman Catholic Church, having revised plans prepared by O'Connell & Shaw, 134 Newbury St., Boston, Mass., 3 story and basement, York St. $150,000. Noted Dec. 1924.

Mass., Brighton (Boston P. O.) — SCHOOL—City, Schoolhouse Dept., Boston, having preliminary plans prepared by E. I. Wilson, 109 State St., Boston, 2 story and basement, brick, Washington-Allston Dist., here. $150,000. Noted June 4.

Mass., Humarock — CHAPEL — Roman Catholic Church Society, c/o O'Connell & Shaw, archts., 134 Newbury St., Boston, having plans prepared 1 story and basement, 45 x 120 ft., rein.-con. and stone chapel, at Humarock Beach. $150,000.

Mass., New Bedford—CHURCH—North Christian Church, 173 Middle St., having sketches made by Brown & Poole, 636 Pleasant St., 1 story, brick and stone church. $150,000.

Mass., Somerville—(Boston P. O.) — SCHOOL—City of Somerville, Mayor's Office, City Hall, plans 2 story, brick addition to Highland Ave. School. $175,000. Engineer and architect not selected.

Mass., Whitinsville—CHURCH — Trinity Church Society, c/o C. C. Coveney, archt., 184 Boylston St., having preliminary plans prepared 1 story and basement, brick and stone church, here. $150,000.

Conn., Waterbury — CHURCH — St. Michaels Roman Catholic Parish, D. A. O'Donnell, pastor, Waterville (Waterbury P. O.), plans church, Homer and Thomaston Aves., here. $150,000. Engineer and architect not selected.

N. Y., Brooklyn—CHURCH—First Church of Christ Scientist, 261 East 21st St., having sketches made by S. S. Beman, archt. and engr., 108 South La Salle St., Chicago, Ill., brick, steel and stone, plain foundation. East 21st St. $250,000.

N. Y., Brooklyn—SCHOOL—St. Rosalies Roman Catholic Church, A. P. Cioffi, pastor, 1359 63rd St., having plans prepared by L. Giele, 1123 Bway., New York City, 4 story, brick, steel and stone, plain foundation, 65th St. $500,000.

N. Y., New York — COLLEGE — St. Michaels College, c/o A. Lee, pastor, St. Anns Hermitage, Poughkeepsie, having plans prepared by P. G. Stadler, 316 East 161st St., 4 story, brick stone and steel, plain foundation, Murdock Ave., here. $600,000.

N. Y., New York — NURSES SCHOOL — Mt. Sinai Hospital, 5th Ave. and 101st St., having plans prepared by R. D. Kohn, archts. and engrs., 56 West 45th St., brick, steel and stone, plain foundation, 5th Ave. and 98th St. $1,500,000.

Pa., Brownsville — HIGH SCHOOL — J. H. Harmon, archt., Fayette Title & Trust Bldg., Uniontown, rejected bids 2 story and basement, 78 x 124 ft., brick and steel, for Bd. Educ. $150,000. Noted Aug. 13.

Pa., Phila.—COLLEGE and MONASTERY—St. Joseph C llege, c/o A. G. Brown, pastor, 17th and Styles, having plans prepared by F. F. Durang, 1220 Locust St., 2, 3, and 4 story and basement, 170 x 186 ft., and 150 x 274 ft., rein.-con., steel and stone, plain foundation, 54th St. and City line.

Pa., Phila.—SCHOOL—St. Agnes Solvac Church, J. L. Yorke, pastor, having revised plans prepared by P. F. Getz, Victory Bldg., 3 story and basement, 58 x 108 ft., rein.-con., brick and steel, plain foundation. $150,000. Noted Sept. 10.

Pa., Pittsburgh — SYNAGOGUE — Poala Y. Zedeck Synagogue, c/o M. Friedman, Center and Crawford Aves., plans 1 story and basement, Phillips and Shady Sts. $300,000. Engineer and architect not selected.

Md., Baltimore—SEMINARY—St. Marys Seminary, Paca St., having plans prepared by Maginnis & Walsh, 100 Boylston St., Boston, Mass., 3 story seminary. To exceed $150,000.

Va., Petersburg — HIGH SCHOOL — Bd. Educ. soon takes new bids Junior High School. $265,000. C. M. Robinson, Times-Dispatch Bldg., Richmond archt.

N. C., Charlotte — CHURCH — First Methodist Church having plans prepared by L. Asbury, Realty Bldg., new church, North Tryon St. $500,000.

La., Shrewsbury — SCHOOLS—Jefferson Parish School Bd., V. A. Pitre, pres., takes bids about Nov. 15, constructing 12 schools. $478,450. W. T. Nolan, Canal Commercial Bldg., Jones, Roessle & Olschmer, Maison Blanche Bldg., W. R. Burk, Balte Bldg., and T. L. Perrier, 310 Carondelet St., all in New Orleans, archts.

O., Carrollton — HIGH SCHOOL — Bd. Educ., plans 2 story and basement, brick, steel and concrete high school. $150,000.

O., Cleveland—CHAPEL and CREMATORY—Highland Park Crematory, Stop 18, Kinsman Rd., having plans prepared by Andrews, Jones, Biscoe & Whitemore, 50 Congress St., Boston, Mass., 1 and 2 story,

Buildings—Educational, Religious (Cont.)

brick and stone chapel and crematory. $250,000.

O., Coolville—HIGH SCHOOL—Election in November, $150,000 bonds, for high school, for Bd. Educ. Tray Twp., F. P. Tidel, clk. W. Mills, Nelsonville, archt.

Wis., Fond du Lac—CHURCH—Our Saviors English Lutheran Congregation, c/o B. Stecker, 253 Sheboygan St., having preliminary plans prepared by Parkinson & Dockendorff, Linker Bldg., La Crosse, 2 story, brick and stone, plain foundation, 9th and Main Sts. $150,000.

Neb., Lincoln—SCHOOL—Bd. Educ., L. G. Ludlam, secy., soon takes bids Park Grade Schol, 2 story and basement, rein.-con., brick and stone, 9th and F Sts. $325,-000. Davis & Wilson, 525 South 13th St., archts.

Calif., Los Angeles—CHURCH—Roman Catholic Bishop, of Los Angeles and San Diego, having plans prepared by H. C. Newton, 304 San Fernando Bldg., 1 story and basement, 50 x 135 ft., rein.-con., Occidental Blvd. and Hoover St. $150,000.

Calif., Los Angeles—HIGH SCHOOL—Bd. Educ., having plans prepared by Noerenberg & Johnson, 401 Los Angeles Ry. Bldg., 3 story top addition to 3 story and basement 100 x 265 ft., rein.-con. and brick, 16th St., Hill and Grand Aves. $300,000.

Calif., Los Angeles — HIGH SCHOOL — Bd. Educ., having plans prepared by R. E. Coate, 608 Union Bank Bldg., Thomas Starr King Junior High School, 3 story, 62 x 243 ft. main building 1 story, 64 x 138 ft. cafeteria, etc., and 1 story, 63 x 169 ft. manual arts building. $340,000.

Calif., Los Angeles — SYNAGOGUE — Edelman & Barnett, archts., 726 H. W. Hellman Bldg., soon let contracts 1 story, 120 x 260 ft., rein.-con., synagogue incl. 4 story and basement Sunday school dome, Wilshire and Hobart Blvds., for Congregational Bnai Brith. $1,000,000. S. T. Norton & F. H. Wallis, 1210 Financial Center Bldg., archts.

Ore., Eugene—AUDITORIUM—Lawrence & Holford, archts., Chamber of Commerce Bldg., Portland, preparing plans auditorium, University Campus, here, for State Building Comn., Salem. $300,000.

BIDS DESIRED

Mass., Haverhill—SCHOOL—Sept. 20, by City, City Councils Office, 2 story and basement, brick and steel addition, Grove St. $175,000. Morse & Chase, 25 Washington St., archts.

Mass., Hawthorne—SCHOOL—Trustees Essex Co., Agricultural School, Court House, Salem, taking bids 2 story and basement, 56 x 72 ft. with 43 x 43 ft. wing, brick and stone home making building. $150,000. Sanborn & Weed, 58 Exchange St., Lynn, archts.

Mass., Winchester—SCHOOL—Town, C. R. Main, chn. building com., taking bids 2 story and basement, brick and stone, Highland and Appalachian Aves. $150,000. Derby & Robinson, 5 Joy St., Boston, archts. Noted July 23.

R. I., Warwick—SCHOOLS—Sept. 28, by Town School Com., Town Hall, 1 and 2 story and basement, brick additions to Lakewood, Conliminut and Oakland Beach schools. $150,000. T. J. H. Pierce, Inc., 30 Allens Ave., Providence, archts.

Conn., Bridgeport—SCHOOL—Sept. 21, by State Trade School, John St., 2 story and basement, 80 x 370 ft., brick and steel, Kossuth St. $250,000. E. B. Caldwell, Jr., 886 Main St., archt. Noted June 4.

Conn., Winsted—SCHOOL—Sept. 18, by Town, S. Clifton chn., 2 story and basement, 58 x 126 ft., brick and steel, North Main St. $150,000. W. E. Hunt, 182 Church St., Torrington, archt. Noted Aug. 7.

N. Y., Lyndonville—SCHOOL—Oct. 8, by C. C. Brown, dist. clk., cor. school; adv. E. N.-R. Sept. 17. Noted Sept. 3.

La., Bastrop—SCHOOL—Oct. 5, by J. W. Smith, archt., Monroe, La., 2 story, home economics and science building, brick, here, for Morehouse Parish School Bd. $150,000.

O., Cleveland—SCHOOL and CHURCH—W. G. Gill, archt., Plymouth Bldg., taking bids 2 story and basement, 118 x 118 ft., brick, steel and concrete, Halstead St., for St. Hedwigs Roman Catholic Church. F. M. Komlinski, 12903 Madison Ave., pastor. $150,000.

Mich., Manistee—HIGH SCHOOL—Sept. 25, by Bd. Educ., L. Jones, secy., 2 story and basement, rein.-con., brick and steel, plain foundation, 6th St. $250,000. J. N. Churchill, 906 Prudden Bldg., Lansing, archt.

Mich., River Rouge—SCHOOL—Sept. 24, by M. J. Higgins, secy. Bd. Educ., 2 story and basement, 120 x 150 ft., rein.-con. and brick addition, plain foundation. Van Leyen, Schilling & Keough, 3440 Cass Ave., Detroit, archts. Noted July 30.

Ill., Chicago—SCHOOL—Sept. 19, by Bd. Educ. 3 story and basement, 90 x 368 ft., rein.-con. and brick, plain foundation, West 112th and South Bishop Sts. $450,000. J. Christensen, 620 South Clark St., archt.

Wis., Madison—HALL and REFECTORY—Oct. 6, by University of Wisconsin, J. Phillips, bus. mgr., 4 story, 75 x 100 ft., rein.-con. and steel addition to Bascom Hall, $300,000; also 2 story, 60 x 150 ft., rein.-con., brick and steel refectory, plain foundation, $200,000. A. Peabody, Capitol Bldg., archt. Noted June 25 and Aug. 13 respectively.

Mo., Liberty—CHAPEL and DOPMITORY—Sept. 22, by William Jewell College, H. C. Wayman, pres., 3 story and basement, 58 x 114 ft. dormitory, and 2 story and basement, 63 x 114 ft. chapel, rein.-con., brick and stone. $150,000. C. A. Smith, 800 Finance Bldg., archt.

Tex., Vernon—CHURCH and SUNDAY SCHOOL—First Baptist Congregation, R. M. Fielder, secy. Building Com., taking bids 1 and 2 story and part basement, rein.-con., brick and stone, plain foundation. G. A. Carlander, 15 Massie Bldg., Amarillo, engr. and archt.

Calif., San Francisco—SCHOOL—Oct. 7, by Pub. Wks., for Hawthorne School, Shotwell St. between 22nd and 23rd Sts. $210,-000. Bureau Architecture, City Hall, archt.

BIDS RECEIVED

R. I., Pawtucket—HIGH SCHOOL—City, W. C. Kendrick, school bd., Senior High School, 3 story and basement, brick, steel and concrete, Exchange St., from Cruise Constr. Co., Inc., 12 East Ave., $1,025,000. Noted Aug. 6.

Pa., Pittsburgh — HIGH SCHOOL — Bd. Educ., Fulton Bldg., Sept. 10, Taylor Alderdice High School, 1, 2 and 3 story and basement, Shady and Forward Sts., from H. Miller & Sons Co., 5th Ave., $1,149,000, **(alternate 1)** add $35,000, (2) add $90,000, (3) add $14,000 and (4) add $42,000. Noted Sept. 3.

Md., Baltimore — SCHOOL — Mayor and City Council, school and shop additions Warren and Battery Aves., from C. L. Stockhausen, Gay and Water Sts., $633,790. Noted Aug. 27.

Ia., Des Moines—CHURCH and SUNDAY SCHOOL — University Church of Christ Congregation, 4 story and basement 92 x 127 ft., rein.-con., brick and stone, 25th and University Sts., from J. A. Benson Constr. Co., 422 Valley Natl. Bldg., $220,-000.

CONTRACTS AWARDED

Me., Bangor—SCHOOL—City, A. B. Garcelon, supt. schools, 2 story and basement, 64 x 208 ft. with 64 x 80 ft. wing, brick and stone, plain foundation, Bway., to McPherson & Barrows, 32 Hodgden St. Archts. est. $250,000. Noted Aug. 6.

Mass., Dartmouth — SCHOOLS — Town, School Dept. two 2 story, brick schools, one in North and other in South Dartmouth, to Carey Quarry & Constr. Co., 56 North Main St., Fall River. Archts. est. $150,000.

Mass., Wellesley—DORMITORY—Day & Kluder, archts., Franklin Bank Bldg., Pittsburgh, Pa., 3 story and basement, rein.-con., brick and steel, plain foundation, here, to Matthews Constr. Co., Far Hills, N. J., for Wellesley College. Archts. est. $300,000. Noted Aug. 13.

R. I., Johnston (mail Providence—SCHOOLS—School Com., W. C. Gill, chn., 2 story six room, brick addition to school, Waveland Ave., to Interstate Constr. Co., 107 Westminster St., Providence; also 6 room addition, School Street, to W. H. Hamelyn & Sons, Inc., 35 Greenwich St., Providence. Archts. est. $150,000. Noted June 11.

Conn., Hartford—THEOLOGY—Hartford Seminary Foundation, 155 Broad St., 3 story and basement, granite and brick, Sherman and Girard Aves., to Bartlett Brainard Co., 252 Asylum St. Archts. est. $150,000.

Conn., North Haven — SCHOOL — School Bd., City Hall, 2 story and basement, 60 x 110 ft., brick and steel, Linsley St. to Loucks & Clarke, 6 Ernest St., Wallingford. Archts. est. $150,000. Noted Aug. 13.

N. Y., Brooklyn—SCHOOL—Bd. Educ., 500 Park Ave., New York City, P. S. 219, Clarkson Ave. from East 93rd to East 94th Sts., here, to Guidera & La Salle, 391 East 149th St., New York City, $687,925; plumbing, to J. E. Kahn, 224 West 20th St., New York City, $29,490; heating, to A. B. Simpson Co., Inc., $54,250. Noted Sept. 10.

N. J., Hammonton—HIGH SCHOOL—Bd. Educ., general contract 2 story and basement, 109 x 132 ft., 67 x 114 ft., and 66 x 106 ft. high school, to G. W. Shaner, Palmyra, $196,816. Noted Sept. 10.

Pa., Phila. — ART MUSEUM — Contrs. Fairmont Park, City Hall, to G. A. Fuller Co., Morris Bldg., completing shell for 4 story, 111 x 217 ft. museum with two 2 story 86 x 200 ft. and 868 x 165 ft. wings, marble and stone, Fairmont Park, furnishing architectural terra cotta $595,000, and interior finish $1,113,325; to A. O'Neill, 127 East Mermaid Lane, removing Washington Monument to point in front of museum, $82,900. Grand total $4,584,743. Noted Sept. 3.

Pa., Phila.—SENIOR HIGH SCHOOL—Bd. Educ., 19th and Chestnut Sts., general contract for 4 and 5 story and basement, 228 x 322 ft., rein.-con. and brick, plain foundation, 17th and Luzerne Sts., to Mccloskey Co., Inc., 1620 Thompson St., $1,659,659; electrical work, to J. F. Buchanan Co., 1904 Sansom St., $115,432; plumbing, to W. Ambrose, Leverington and Cambria Sts., $85,909; and heating, to Thompson Bros., 530 Buttonwood St., $240,-500. Grand total $2,101,500. Noted Aug. 27.

O., Dayton—SCHOOL—Bd. Educ., C. S. Schmidt, secy., Ludlow Bldg., 2 story, rein.-con. and brick, plain foundation, Leo St., to H. R. Blagg Co., 1211 East 3rd St. $288,930. Noted Aug. 13.

O., South Euclid (Euclid P. O.)—SCHOOL—Bd. Educ., P. Prasse, clk., 3 story and basement, brick, steel and concrete, to M. B. Parker Constr. Co., 108 Union Bldg., $279,822. Noted Sept. 10.

Wis., Milwaukee—CHURCH—St. Sebastian Congregation, c/o J. Schiltz, pastor, 595 54th St., basement for 2 story, 102 x 140 ft., rein.-con. and brick, Washington Blvd., to E. Steigewols & Sons, 51st and State Sts. Noted July 23.

Kan., Manhattan—DORMITORY—State Bd. Administration, T. J. O'Neil, bus. mgr., general contract 3 story and basement, 85 x 169 ft. girls dormitory, brick, concrete and stone, to M. J. Green, Manhattan, $125,-000. Noted Aug. 25.

S. D., Spearfish—SCHOOL—Regents of Educ., H. Gamble, secy State Normal school, 3 story and basement, rein.-con., brick and stone, general contract, to S. W. Jonason & Co., Aberdeen, $209,576. Noted Aug. 13.

Mo., Kansas City — HIGH SCHOOL — School Bd., Public Library Bldg., general contract West Side Junior High School, 3 and 4 story and basement, rein.-con., plain foundation, inc. swimming pool and 2 gymnasiums, 20th and Madison Sts., to C. W. VanVacter, 2817 Linwood Blvd., $320,000.

Ark., Hot Springs — JUNIOR HIGH SCHOOL—Bd. Educ., S. Lee, secy., general contract 3 story, 134 x 138 ft., brick, concrete and stone, Oak and Olive Sts., to Jones-Hewitt, Little Rock, $128,225.

Tex., Ft. Worth—MUSIC HALL—Southwestern Baptist Theological Seminary, c/o R. L. Scarborough, 2 story and basement, rein.-con., brick and stone, Seminary Hill, to J. T. Taylor, Burkburnett Bldg., $233,800.

Tex., Houston — SCHOOL — Dominican Sisters, 4 story, 50 x 150 ft., rein.-con. and brick, Almeda Rd. and Bellaire Ave., to Southwestern Constr. Co., 428 West Bldg., approximately $125,000.

Calif., Los Angeles—CHURCH—Wilshire Blvd. Christian Church, 3 story, 100 x 135 ft., rein.-con., Wilshire Blvd. and Normandie St., to Wurster Constr. Co., 1205 Natl. City Bank Bldg., $400,000.

Federal Government Work

PROPOSED WORK

Tex., Palacios—Camp—War Dept. Wash., D. C., plans permanent training camp, with bakery, powerhouse, refrigerating plant, roads, etc., here, for 36th Div. Natl. Guard. $500,000-$100,000,000. Work may be done by day labor. Address Lt.-Col. L. Westbrook, Palacios.

BIDS DESIRED

Mass., Beverly—Excavation—Oct. 14, by U. S. Engineer Office, Custom House, Boston, rock excavation in harbor, here; adv. E. N.-R. Sept. 17.

N. Y., Oswego—Quarters—Oct. 8, by J. V. Ingram, constructing quartermaster, Fort Ontario Office, converting 3 stone buildings into officers quarters, at Fort Ontario, here; adv. E. N.-R. Sept. 17.

Pa., Williamsport — Addition — Sept. 29, by Treas. Dept., at office Supervising Archt., Wash., D. C., constructing 2,380 sq.ft. addition to post office and courthouse, here.

Federal Government Work (Continued)

D. C., Wash.—Wire, etc.—Sept. 21, by A. L. Flint, Genl Purch. Officer of Panama Canal, Wash., D. C., insulated wires, power cable, boilers, pumps, etc.

Fla., Lakeland—Remodeling—Sept. 25, by Treas. Dept. at office Supervising Architect, Wash., D. C., extending and remodeling post office, here. J. A. Wetmore, acting superv. archt.; adv. E. N.-R. Sept. 17.

Ala., Florence—Pressure Pipe System—Oct. 10, by U. S. Engineer Office, air pressure pipe system for navigation lock, Wilson Dam; adv. E. N.-R. Sept. 17.

Tenn., Tullahoma—Post Office—Oct. 13, by Treas. Dept., at office Supervising Architect, Wash., D. C., 2 story, brick and tile post office, here. J. A. Wetmore, acting superv. archt.; adv. E. N.-R. Sept. 17.

Mich., Detroit — Borings — Sept. 24, by U. S. Lake Survey Office, Old Custom House, diamond drill borings, Long Sault Island, in St. Lawrence River; adv. E. N.-R. Sept. 17.

BIDS RECEIVED

N. Y., New York—Dredging—U. S. Engineer Office, 2nd Dist., Army Bldg., Sept. 14, 346,484 cu.yd. dredging and rock removal in New York and New Jersey channels, from Great Lakes Dredge & Dock Co., 17 Battery Pl., at $0.85 per cu.yd. Noted Aug. 20.

La., New Orleans — Levees — U. S. Engineer Office, 140 Decatur St., 20,000 sq.yd. concrete revetment on Convent Levee from Hercules Co., Ltd., Weiss Bldg., $25,200; also 6,500 cu.yd. earthwork, from S. T. Hulse, Destrahan, $4,538.

Calif., Los Angeles—Dredging—U. S. Engineer's Office, War Dept., Wash., D. C., dredging 1,300,000 cu.yd. in Los Angeles Harbor, here, from San Francisco Bridge Co., 14 Montgomery St., San Francisco at $0.165 per cu.yd. Noted Aug. 27.

CONTRACTS AWARDED

N. J., Newark — Dredging — U. S. Engineer Office, 2nd Dist., Army Bldg., New York City, dredging in Newark Bay, here, to Atlantic, Gulf & Pacific Co., 15 Park Row, New York City, $130,294. Noted Aug. 6.

Pa., Phila.—Paving—Spec. 5137—Bureau Yards & Docks, Navy Dept., Wash., D. C., concrete paving at Navy Yard, here, to Curtis Bros., State Road and Unruh St., $27,936 (120 days). Noted Aug. 20.

Pa., Phila. — Steel Tank — Spec. 5113 — Bureau Yards & Docks Navy Dept., Wash., D. C., steel water tank and tower at Naval Home, here, to Pittsburgh Des Moines Steel Co., Virginia Ry. & Power Bldg., Richmond, Va., $9,700 (120 days). Noted Sept. 3.

Pa., Pittsburgh—Dam—U. S. Engineer Office, War Dept., Wash., D. C., constructing Dam 4, Allegheny River, here, to General Contg. Corp., 605 Columbia Bank Bldg., $378,472. Noted Aug. 6.

Ala., Florence — Roof — U. S. Engineer Office, tile cover on lead gallery roof, Wilson Dam, Tennessee River, to Carmichael Tile Co., 104 East Ellus St., Atlanta, Ga. $21,539. Noted Aug. 20.

Miss., Holly Springs—Post Office—Treas. Dept., at Office Supervising Archt., Wash., D. C., post office, here, to F. R. Comb, 2113 Chicago Ave., Minneapolis, Minn., $36,400. Noted June 25.

S. D., Hot Springs—Hospital—U. S. Veterans Bureau, Room 791, Arlington Bldg., Wash., D. C., general contract hospital, here, to Madsen & Peterson Co., 646 Builders Exch., Minneapolis, Minn., $353,919; plumbing and sanitary drainage, to Inland Eng. Co., 355 State St., Hammond, Ind., $63,980; heating, to T. E. Thomas Plumbing & Heating Co., Ogden, Utah, $47,201; electrical work, to Aberdeen Eng. Co., Aberdeen, $17,221; rein.-con. smokestack to Weber Chimney Co., 1452 McCormick Bldg., Chicago, Ill., $6,450. Grand total $488,771. Noted Aug. 20.

Unclassified

PROPOSED WORK

Boardwalk — Asbury Park, N. J. — City Comn. plans retopping boardwalk along ocean. $30,000. Rogers, Asbury Park, archt.

Heating and Ventilating, etc. — Phila., Pa. — Comrs. Fairmont Park, City Hall, returned unopened bids which were to have been opened Sept. 2 for heating and ventilating system in Art Museum, Fairmont Park. Will readvertise.

Lighting System — Plant City, Fla. — Voted $25,000 bonds for white way lighting system. W. H. Durrance, clk.

Swimming Pool—Kissimmee, Fla.—Election soon $30,000 bonds, for swimming pool. H. M. Reynolds, Orlando, archt.

Wharf — New Orleans, La. — Bd. Port Comrs., 200 New Court House Bldg., plans 400 ft. concrete and steel wharf, at Army base of Navigation Canal, $370,000; also razing and rebuilding Mandeville St. wharf, $2,000,000.

Lighting System — Columbus, O. — City Council making preliminary plans 14.5 mi. boulevard lighting system on Broad and High Sts. $365,750. City will pay 20% and property owners 80% of cost.

Land Development — St. Louis, Mo. — Joseph Darst Realty Co., 105 North 8th St., making surveys developing 275 acres on Olive St. Rd. between 7900 and 8500 West, 90 acres for industrial plants, the balance for residences and general utilities, etc. C. E. Smith & Co., Railway Exch. Bldg., engrs.

Swimming Pool — San Antonio, Tex. — City plans 60 x 200 ft. swimming pool, rein.-con., etc. along bank San Antonio River near Mission St. $25,000. I. Ewig, city engr.

Skating Rink, etc.—San Antonio, Tex.—J. K. Tobin, T. W. Carver, and R. F. McCampbell (promoters and owners) plan 1 story, 60 x 120 ft., rein.-con. and steel skating rink, and 70 ton capacity refrigeration plant. $105,000. Private plans.

Swimming Pool—San Antonio, Tex.—See "Buildings—Commercial."

Elimination of Grade Crossings — San Francisco, Calif.—City and San Francisco Co. made plans subway crossing at Junipero Serra Blvd. and Worcester St. $100,000. C. E. Healy, asst. city engr. Noted July 16.

BIDS DESIRED

Heating and Ventilating System — Worcester, Mass. — Holy Cross College, J. Dinard, pres., taking bids heating and ventilating system, in Library and Chapel. $25,000. Maginnis & Walsh, 100 Boylston St., Boston, archts.

Gallows Frames, etc.—New York—Sept. 24, by W. W. Mills, comr. Plant & Structures, Municipal Bldg., New York City, reconstructing gallows frames and operating equipment for Slips 1 and 2, Whitehall Ferry Terminal, Whitehall St., Manhattan, and Slips 1, 3 and 4, St. George Ferry Terminal, St. George.

Retaining Wall—New York, N. Y.—Sept. 22, by H. Bruckner, pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., retaining wall where necessary on westerly side of Harlem River Terrace between point about 490 ft. south of Fordham Rd. and Cedar Ave.

Pumping Equipment—New York, N. Y.—Oct. 6, by New York State Bridge & Tunnel Comn., and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., pumping equipment with motors, control and piping in shafts and in mid river sump and pump chambers, for Holland Tunnel, Contr. 24. G. R. Dyer, chn. former and T. Boettger, chn. latter commissions; adv. E. N.-R. Sept. 17.

Borings—Phila., Pa.—Sept. 22, by Bureau City Property, City Hall, 22 borings for annex at City Hall, Juniper and Filbert Sts. Former bids rejected. Noted Sept. 3.

Bridge Machinery — Beaumont, Tex. — Sept. 28, by B. B. Johnson, judge Jefferson Co., operating machinery for Neches River Bridge, operator's house, electrical devices and appurtenances.

Overhead Crossing—Colorado—Sept. 22, by State Hy. Dept., Denver, overhead railroad crossing bridge with graded approaches, on Federal Aid 286 A, between Nunn and Dover, Weld Co. L. D. Blauvelt, State Office Bldg., engr.

Seawall—Portland, Ore.—See "Sewers."

Wharves, etc.—Canada—Sept. 29, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, Ont., reconstructing wharf at Haney, $4,800, and extending jetty in North Arm, Fraser River, $3,000, both in New Westminster Dist., B. C.; constructing wharf at Main-a-Deu, Cape Breton Co., N. S., $8,000; and extending breakwater at Burlington, Halton Co., Ont., $10,000.

Air Compressor—Esquimalt, B. C.—Sept. 24 (extended date), by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, Ont., air compressor for dry dock, here. Noted Sept. 3.

BIDS RECEIVED

Special Work, etc.—Brooklyn, N. Y.—Bd. Transportation, 49 Lafayette St., New York City, Sept. 11, special work in construction of Flushing Extension, here, from W. Wharton Jr. & Co., 30 Church St., New York City, $10,073; also installing tracks, etc., in Coney Island Yard, from J. H. Duncan, Inc., Grand Central Terminal, New York City, $7,924. Noted Sept. 3.

Ventilating, Fans, etc.—New York, N. Y.—New York and New Jersey Interstate Bridge & Tunnel Comn., Room 3004, Woolworth Bldg., Sept. 8, ventilating and transformer fans, motor, etc. in Holland Tunnel, Contr. 12, from B. F. Sturdevant Co., Reedville, Mass., $571,031 (unofficial). Noted Aug. 6.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., Sept. 8, for Route 102, Sect. 6 under 8th Ave. and Central Park West, from F. L. Cranford, 149 Remsen St., Brooklyn, $5,890,000 (unofficial). Noted Aug. 27.

Oil Burning System—New York, N. Y.—W. W. Mills, comr. Plant & Structures, Municipal Bldg., Sept. 11, fuel oil storage and oil burning system for Willard Parker Hospital and Central Motor Repair Co., from Morse Dry Dock & Repair Co., 629 West 23rd St., $31,500. Noted Sept. 3.

Lighting System—Los Angeles, Calif.—Ornamental lighting system on Figueroa St. between Adams and Jefferson Sts., from M. H. Walker, 1800 West 12th St., $28,533.

CONTRACTS AWARDED

Arena — Holyoke, Mass. — Valley Arena, Inc., 336 Maple St., 1 story, 26 x 101 ft., brick, amusement arena, to Rivers & Young, Willimansett.

Heating and Ventilating—Northampton, Mass.—Dept. Mental Diseases, State House, Boston, heating and ventilating system in New Ward Building, at Northampton State Hospital, here, to F. C. McClean, 31 Sanford St., Springfield, $22,447. Noted Aug. 13.

Bulkhead, etc.—New York, N. Y.—Dept. Pub. Wks., Municipal Bldg., removing bulkhead, constructing foundations, bulkheads, dock slips, dredging and filling, etc., for Municipal Terminal Market, Exterior and East 151st Sts., Bronx Boro, to H. P. Converse & Co., 161 Devonshire St., Boston, Mass., $784,000. Noted Sept. 10.

Jetty and Sea Wall — Monmouth Beach, N. J.—Monmouth Co., Freehold, reconstructing rock jetty and sea wall, here, to T. Proctor, 212 North 5th Ave., Long Branch, $37,875.

Pumphouse, Culverts, etc.—Detroit, Mich.—Wayne Co. Road Comn., 1103 Real Estate Exch. Bldg., grade crossing on Plymouth Rd. near Pere Marquette Ry., incl. pumphouse, concrete culverts, etc., to Liberty Constr. Co., 1026 Detroit Savings Bank Bldg., $50,285. Noted Sept. 3.

Foundation etc. — Minneapolis, Minn. — See "Buildings—Commercial" under Proposed Work.

Swimming Pool—Kansas City, Mo.—See "Buildings—Educational, Religious."

Transmission Line—Oklahoma—City of Dacoma voted $25,000 bonds, 18 mi. transmission line from Dacoma to Alva, and distribution system in Dacoma. H. G. Olmstead, Oklahoma Bldg., Oklahoma City, engr.

Lighting System — Los Angeles, Calif. — Ornamental street lighting system, incl. paving, curbing, etc. on 1st St. from Glendale Blvd., to Vermont Ave., to Newberry Electric Corp., 726 South Olive St., $72,921; lighting system on Crenshaw Blvd., between Washington and Adams Sts., to A. C. Rice, 1957 Santee St., $11,088.

Coal Tipple, etc.—Coalman, Alta.—International Coal & Coke Co., steel tipple and air washery, to Manitoba Bridge & Iron Wks., Ltd., Logan Ave. W., Winnipeg, Man., about $250,000.

Materials

PROPOSED WORK

Surface Tar Dressing, N. J.—Mercer Co. soon takes bids 10,000 gal. surface tar dressing for various roads. H. F. Harris, Trenton, engr.

Cement — St. Paul, Minn. — State Hy. Dept., 1246 University Ave., plans to purchase cement to be used for trunk highway paving in 1926. $1,000,000 or more.

BIDS DESIRED

Wire — Wellington, New Zealand — Oct. 27, by Stores Manager, Post & Telegraph Dept., Government Bldg., 5 mi. copper wire, 1/18 vulcanized rubber insulated taped and braided, C. M. A. 600 megohm grade.

Wire—Wellington, New Zealand—Nov. 9, by Stores Manager, Post & Telegraph Dept., Government Bldg., 4 tons, 3-ply house-line, for cable hangers.

CONTRACTS AWARDED

Iron Castings—Boston, Mass.—Transit Dept., 1 Beacon St., about 64,000 lb. iron casting, f.o.b. cars 14 Cypher St., South Boston, to Davis Fdry. Co., Market St., Lawrence, $0.04 per lb.